



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : TANUSHREE MONDAL

Roll No. 180340500100

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2018	7.50	7.09	Q
		CC-2	Biological Physics and Enzymes	7	6	42	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	7	6	42	2019	8.00	7.30	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2019			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2019			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2019			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.67	7.85	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	9.00	9.00	Q
		CC-9	Gastrointestinal Function	10	6	60	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	7.50	7.50	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.96										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ABHIJIT DUTTA

Roll No. 200340500001

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2020	8.50	8.91	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.50	9.40	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2021	8.00	8.38	Q
		CC-6	Thermal Physics	8	6	48	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.00	9.31	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022	7.25	7.25	Q
		CC-12	Solid State Physics	7	6	42	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022			
		DSE-2	Classical Dynamics	7	6	42	2022			
		DSE-3	Nuclear and Particle Physics	8	6	48	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	6.75	6.75	Q
		CC-14	Statistical Mechanics	6	6	36	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2023			
		DSE-4	Astronomy and Astrophysics	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.31										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : AFSANA KHATOON

Roll No. 200340500002

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.00	7.91	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	8.70	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021			
	Communicative English/MIL	AECC-2	Urdu	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.33	7.92	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2022	8.25	8.25	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	8	6	48	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023	7.25	7.25	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.17										

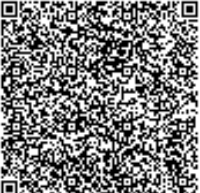
Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : AISHI ADHIKARY

Roll No. 200340500003

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.50	8.36	Q
		CC-2	Ecology	9	6	54	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	9.00	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.33	7.85	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2022			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2022	7.25	7.25	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Parasitology	6	6	36	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023			
		DSE-4	Endocrinology	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.15										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ALMAS PERWEEN

Roll No. 200340500004

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.08	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.33	8.46	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	8	6	48	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2022	7.50	7.50	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	7.75	7.75	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.18										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : AMRIT MAITY

Roll No. 200340500005

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	8	6	48	2020	8.50	8.73	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.30	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2021	8.00	8.38	Q
		CC-6	Thermal Physics	8	6	48	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	9.00	9.23	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022	6.25	6.25	Q
		CC-12	Solid State Physics	6	6	36	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022			
		DSE-2	Classical Dynamics	4	6	24	2022			
		PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2023	7.75	7.75	Q
		CC-14	Statistical Mechanics	9	6	54	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2023			
		DSE-4	Astronomy and Astrophysics	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ANIKE MAJUMDAR

Roll No. 200340500006

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.50	9.18	Q
		CC-2	Mechanics	10	6	60	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.40	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	8.33	8.54	Q
		CC-6	Thermal Physics	8	6	48	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	8.00	8.38	Q
		CC-9	Elements of Modern Physics	7	6	42	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022	7.50	7.50	Q
		CC-12	Solid State Physics	7	6	42	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022			
		DSE-2	Classical Dynamics	7	6	42	2022			
		DSE-3	Nuclear and Particle Physics	5	6	30	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	6.25	6.25	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30	2023			
		DSE-4	Astronomy and Astrophysics	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.17										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ANIRBAN MONDAL

Roll No. 200340500007

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.00	8.00	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	8.70	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.00	7.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022	5.75	5.75	Q
		CC-12	Genetics	6	6	36	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022			
		DSE-2	Parasitology	5	6	30	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2023	5.75	5.75	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	5	6	30	2023			
		DSE-4	Endocrinology	5	6	30	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.28							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.48										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ANISH BARMAN

Roll No. 20034050009

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021	9.50	9.60	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.00	9.23	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	9.33	9.15	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	7.75	7.75	Q
		CC-12	Organic Chemistry-V	8	6	48	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2023	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	8	6	48	2023			
	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.90										


Date of Publication of Result : 25.08.2023

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ANKUSH CHAKRABORTY

Roll No. 200340500010

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	9	6	54	2020	9.50	9.55	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2021	9.00	9.10	Q
		CC-4	Structural Geology	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	8.67	8.77	Q
		CC-6	Sedimentology	7	6	42	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	8.33	8.62	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	9	6	54	2022			
		CC-10	Phanerozoic Stratigraphy of India	7	6	42	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	8	6	48	2022	9.00	9.00	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	10	6	60	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.50	8.50	Q
		CC-14	Engineering Geology	8	6	48	2023			
	GEOLOGY	DSE-3	Fuel Geology	8	6	48	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.90										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% and above	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ARATRIKA GUIN

Roll No. 200340500011

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	8.73	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.00	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	8.67	8.62	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.00	9.08	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
V	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022	7.25	7.25	Q
		CC-11	Quantum Mechanics and Applications	7	6	42	2022			
	CC-12	Solid State Physics	7	6	42	2022				
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022			
		DSE-2	Classical Dynamics	6	6	36	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	7.00	7.00	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2023			
		DSE-4	Astronomy and Astrophysics	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.27										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ARIT GHOSH

Roll No. 200340500013

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	8.50	9.18	Q
		CC-2	Physical Chemistry-I	8	6	48	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2021	8.50	8.80	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2021	8.00	8.00	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	8.67	8.69	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2023	7.25	7.25	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	7	6	42	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.13										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ARITRI DUTTA

Roll No. 200340500014

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	10.00	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	9.33	9.31	Q
		CC-6	Plant Systematics	10	6	60	2021			
		CC-7	Economic Botany	9	6	54	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2022	9.67	9.08	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2022			
		CC-10	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2022	9.25	9.25	Q
		CC-12	Plant Metabolism	9	6	54	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2022			
		DSE-2	Natural Resource Management	9	6	54	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2023	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.50							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.45										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ARPITA SAMANTA

Roll No. 200340500015

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.08	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2022	9.00	9.15	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	10	6	60	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022	8.75	8.75	Q
		CC-12	Endocrinology	8	6	48	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.73										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ARUNIMA MANNA

Roll No. 200340500016

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.50	8.73	Q
		CC-2	Ecology	9	6	54	2020			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2021	10.00	9.70	Q
		CC-4	Cell Biology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.67	9.54	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	10	6	60	2021			
		CC-7	Fundamentals of Biochemistry	10	6	60	2021			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022	9.00	8.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2022	8.75	8.75	Q
		CC-12	Genetics	9	6	54	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	9	6	54	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023	7.75	7.75	Q
		CC-14	Evolutionary Biology	8	6	48	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.83							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
		= (SGPA or CGPA × 10) - 5.0	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)





THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ASHMIN NISHA

Roll No. 200340500018

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	8.82	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	10.00	9.50	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021	8.67	8.08	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	7	6	42	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2021			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.33	8.62	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2022	5.50	5.50	Q
		CC-12	Mechanics I	4	6	24	2022			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2022			
		DSE-2	Probability & Statistics	6	6	36	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023	7.00	7.00	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2023			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2023			
		DSE-4	Mechanics II	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.87										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ATANU GHOSH

Roll No. 200340500019

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.00	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.90	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	7.67	7.92	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	7	6	42	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.77	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022				
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	8.00	8.00	Q
		CC-12	Endocrinology	8	6	48	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	8	6	48	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	8.75	8.75	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.38										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : AYANTIKA BISWAS

Roll No. 200340500020

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.00	8.00	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	9.00	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	7.67	7.46	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2022			
		CC-10	Immunology	6	6	36	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022	6.75	6.75	Q
		CC-12	Genetics	7	6	42	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	6	6	36	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023	7.00	7.00	Q
		CC-14	Evolutionary Biology	6	6	36	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.86										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

= (SGPA or CGPA × 10) - 5.0
 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **BANI BALA**Roll No. **200340500021**

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.80	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.33	7.62	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	7	6	42	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022				
V	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2022	6.50	6.50	Q
		CC-12	Endocrinology	5	6	30	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	7	6	42	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	8.25	8.25	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.01										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	Percentage	Grade Point	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : BARNALI DEBNATH

Roll No. 200340500023

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.64	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	9.70	Q
		CC-4	Structural Geology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	8	6	48	2021	8.67	9.00	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	8.62	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022				
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	8.50	8.50	Q
		CC-12	Economic Geology	8	6	48	2022			
	GEOLOGY	DSE-1	Geodynamics	8	6	48	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	9.00	9.00	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	8	6	48	2023			
		DSE-4	Evolution of Life Through Time	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.06							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.04										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **BIKRAM SARKAR**

Roll No. **200340500024**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	9.18	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	10.00	9.70	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	10	6	60	2021	9.33	9.23	Q
		CC-6	Group Theory I	10	6	60	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	10	6	60	2022	9.67	9.08	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2022	7.25	7.25	Q
		CC-12	Mechanics I	6	6	36	2022			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022			
		DSE-2	Probability & Statistics	8	6	48	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2023			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2023			
		DSE-4	Mechanics II	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.68										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : BIPASHA ROY

Roll No. 200340500025

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	10.00	9.70	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.00	9.23	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	9.00	8.92	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	7.75	7.75	Q
		CC-14	Physical Chemistry-IV	6	6	36	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.66										

Date of Publication of Result : 25.08.2023

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBASISH DAS

Roll No. 200340500026

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.00	7.73	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.67	7.85	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.00	8.23	Q
		CC-9	Gastrointestinal Function	8	6	48	2022			
		CC-10	Respiration	8	6	48	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	6	6	36	2022	6.25	6.25	Q
		CC-12	Endocrinology	5	6	30	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	7	6	42	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023	7.25	7.25	Q
		CC-14	Formation and Excretion of Urine	7	6	42	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023			
		DSE-4	Toxicology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.50							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.65										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBASREE BANIK

Roll No. 200340500027

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.00	9.45	Q
		CC-2	Physical Chemistry-I	8	6	48	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	10.00	9.90	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	8.67	8.92	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	8.67	8.69	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2023	8.00	8.00	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.62										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
		= (SGPA or CGPA × 10) - 5.0	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)





THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBDUTTA GHORUI

Roll No. 200340500028

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	9.00	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2021	10.00	10.00	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	8.67	8.77	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.33	9.54	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022	7.25	7.25	Q
		CC-12	Solid State Physics	6	6	36	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022			
		DSE-2	Classical Dynamics	7	6	42	2022			
		PHYSICS	CC-13	Electromagnetic Theory	8	6	48			
VI	PHYSICS	CC-14	Statistical Mechanics	7	6	42	2023	8.00	8.00	Q
		PHYSICS	DSE-3	Nuclear and Particle Physics	9	6	54			
	PHYSICS		DSE-4	Astronomy and Astrophysics	8	6	48			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.73										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBJANI BISWAS

Roll No. 200340500029

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	10.00	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	8.67	8.77	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	8	6	48	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	9.00	8.62	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	8.25	8.25	Q
		CC-12	Plant Metabolism	8	6	48	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2022			
		DSE-2	Natural Resource Management	8	6	48	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023	8.50	8.50	Q
		CC-14	Plant Biotechnology	9	6	54	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.97										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBOJOTI CHAKRABORTY

Roll No. 200340500030

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2020	7.50	7.55	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	8.60	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.33	9.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	10	6	60	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.33	8.15	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2022	7.50	7.50	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Parasitology	7	6	42	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2023	6.75	6.75	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.99										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBOJYOTI BISWAS

Roll No. 200340500031

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	9	6	54	2020	9.50	8.73	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2021	9.50	9.30	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	GEOLOGY	CC-5	Igneous Petrology	8	6	48	2021	8.00	8.00	Q
		CC-6	Sedimentology	6	6	36	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
	GEOLOGY	SEC-1	Basic Field Training	8	2	16	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	8.00	8.38	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	8	6	48	2022			
		CC-10	Phanerozoic Stratigraphy of India	7	6	42	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	7	6	42	2022	8.50	8.50	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.25	8.25	Q
		CC-14	Engineering Geology	8	6	48	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.49										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBOLINA GHOSH

Roll No. 200340500032

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.82	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	9.50	9.70	Q
		CC-4	Structural Geology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	9.00	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	8.38	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2022	9.50	9.50	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.75	8.75	Q
		CC-14	Engineering Geology	10	6	60	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.22							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.15										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DEBTANU PATRA

Roll No. 200340500033

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	10	6	60	2020	10.00	9.55	Q
		CC-2	Mechanics	10	6	60	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.50	9.70	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	9.00	9.08	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.00	9.31	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022	7.50	7.50	Q
		CC-12	Solid State Physics	7	6	42	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022			
		DSE-2	Classical Dynamics	6	6	36	2022			
		PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20			
VI	PHYSICS	CC-13	Electromagnetic Theory	5	6	30	2023	6.75	6.75	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2023			
		DSE-4	Astronomy and Astrophysics	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.62										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DHRUBAJYOTI GHOSH

Roll No. 200340500034

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	9.00	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.00	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2021	8.33	8.62	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	8.67	9.08	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022	6.50	6.50	Q
		CC-11	Quantum Mechanics and Applications	6	6	36	2022			
	CC-12	Solid State Physics	5	6	30	2022				
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022			
		DSE-2	Classical Dynamics	5	6	30	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	5	6	30	2023	5.75	5.75	Q
		CC-14	Statistical Mechanics	5	6	30	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2023			
		DSE-4	Astronomy and Astrophysics	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.56							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.97										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DILIP BISWAS

Roll No. 200340500035

Honours: ECONOMICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ECONOMICS	CC-1	Introductory Microeconomics	6	6	36	2020	7.00	7.64	Q
		CC-2	Statistics-I	8	6	48	2020			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ECONOMICS	CC-3	Introductory Macroeconomics	9	6	54	2021	9.00	9.00	Q
		CC-4	Mathematical Economics-I	9	6	54	2021			
	STATISTICS	GE-2	Introductory Probability	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	ECONOMICS	CC-5	Intermediate Microeconomics	7	6	42	2021	7.67	7.31	Q
		CC-6	Intermediate Macroeconomics	7	6	42	2021			
		CC-7	Mathematical Economics -II	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	6	6	36	2021			
	ECONOMICS	SEC-1	Managerial Economics	8	2	16	2021			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	9	6	54	2022	8.33	8.15	Q
		CC-9	Statistics-II	8	6	48	2022			
		CC-10	Development Economics	8	6	48	2022			
	STATISTICS	GE-4	Applied Statistics	7	6	42	2022			
	ECONOMICS	SEC-2	Basic Computer Applications	10	2	20	2022			
V	ECONOMICS	CC-11	International Economics	4	6	24	2022	6.00	6.00	Q
		CC-12	Money and Banking	6	6	36	2022			
	ECONOMICS	DSE-1	Rural Development	8	6	48	2022			
		DSE-2	Public Economics	6	6	36	2022			
		ECONOMICS	CC-13	Basic Econometrics	4	6	24			
VI	ECONOMICS	CC-14	Field Survey & Project Report	9	6	54	2023	6.25	6.25	Q
		ECONOMICS	DSE-3	Political Economy	5	6	30			
	ECONOMICS	DSE-4	Entrepreneurship Development	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.17							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.35										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **DIPAN NEOGI**Roll No. **200340500036**

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.50	8.09	Q
		CC-2	Ecology	9	6	54	2020			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	9.00	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2022	7.67	7.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	8	6	48	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2022				
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022	8.00	8.00	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	9	6	54	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023	7.00	7.00	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.08										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : DISHA PYNE

Roll No. 200340500039

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.82	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	10.00	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	8.33	8.77	Q
		CC-6	Sedimentology	7	6	42	2021			
		CC-7	Paleontology	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	9.08	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	10	6	60	2022	9.50	9.50	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	9.25	9.25	Q
		CC-14	Engineering Geology	10	6	60	2023			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.28							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.37										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ESHA DEY

Roll No. 200340500040

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.67	7.62	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.62	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	7	2	14	2022				
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022	8.00	8.00	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	8.25	8.25	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023			
		DSE-4	Toxicology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.24										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : IMTIYAZ ALOM

Roll No. 200340500041

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	7	6	42	2020	7.50	7.73	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2021	8.00	8.40	Q
		CC-4	Cell Biology	8	6	48	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.33	8.92	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	10	6	60	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.33	7.85	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2022			
V	ZOOLOGY	CC-11	Molecular Biology	9	6	54	2022	8.00	8.00	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Parasitology	8	6	48	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2023	7.00	7.00	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.99										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : INDRANI ROY

Roll No. 200340500042

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	9	6	54	2020	9.50	9.55	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2021	9.50	9.40	Q
		CC-4	Structural Geology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	8.67	8.77	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	8.67	8.38	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.00	9.00	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.75	8.75	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	8	6	48	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.94							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.94										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **JIT KARMAKAR**Roll No. **200340500045**

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	9.82	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	9.00	9.08	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	9	6	54	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	9.33	8.85	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2022			
		CC-10	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	9	6	54	2022	9.25	9.25	Q
		CC-12	Plant Metabolism	9	6	54	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	10	6	60	2022			
		DSE-2	Natural Resource Management	9	6	54	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2023	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.39							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.34										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : JYOTI JHA

Roll No. 200340500046

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	9.50	9.40	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	8.67	9.00	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	9.00	9.00	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	7.25	7.25	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	6	6	36	2023	7.50	7.50	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.59										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Jyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : KRITTIKA BISWAS

Roll No. 200340500048

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	10	6	60	2020	10.00	9.55	Q
		CC-2	Mechanics	10	6	60	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2021	10.00	10.00	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	8.67	8.85	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.33	9.54	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2022	8.00	8.00	Q
		CC-12	Solid State Physics	6	6	36	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022			
		DSE-2	Classical Dynamics	8	6	48	2022			
		PHYSICS	CC-13	Electromagnetic Theory	6	6	36			
VI	PHYSICS	CC-14	Statistical Mechanics	7	6	42	2023	7.25	7.25	Q
		PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48			
	PHYSICS		DSE-4	Astronomy and Astrophysics	8	6	48			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.83										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : KUSUM HALDER

Roll No. 200340500049

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	6	6	36	2020	6.50	6.73	Q
		CC-2	Ecology	7	6	42	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	ZOOLOGY	CC-3	Non-chordates II	8	6	48	2021	8.00	8.00	Q
		CC-4	Cell Biology	8	6	48	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2021	8.00	8.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2021			
		CC-7	Fundamentals of Biochemistry	8	6	48	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	7	6	42	2022	6.67	6.85	Q
		CC-9	Animal Physiology: Life Sustaining Systems	7	6	42	2022			
		CC-10	Immunology	6	6	36	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2022			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022	6.50	6.50	Q
		CC-12	Genetics	6	6	36	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2022			
		DSE-2	Parasitology	7	6	42	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2023	6.00	6.00	Q
		CC-14	Evolutionary Biology	6	6	36	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2023			
		DSE-4	Endocrinology	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.83							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.04										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **MADHUPRIYA MAITI**

Roll No. **200340500050**

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	9.27	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	10.00	9.70	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2021	8.67	8.62	Q
		CC-6	Group Theory I	10	6	60	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2022	9.00	8.62	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2022	6.50	6.50	Q
		CC-12	Mechanics I	4	6	24	2022			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2022			
		DSE-2	Probability & Statistics	7	6	42	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023	7.00	7.00	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2023			
		DSE-4	Mechanics II	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.24										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : MAHIMA MUKHOPADHYAY

Roll No. 200340500051

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	9.18	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	9.90	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2021	7.67	7.69	Q
		CC-6	Plant Systematics	8	6	48	2021			
		CC-7	Economic Botany	7	6	42	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	8	6	48	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	7	2	14	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	8.67	8.38	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	7.25	7.25	Q
		CC-12	Plant Metabolism	7	6	42	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022			
		DSE-2	Natural Resource Management	6	6	36	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023	7.25	7.25	Q
		CC-14	Plant Biotechnology	7	6	42	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.21										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : MANAMI DAS

Roll No. 200340500053

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.64	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	10.00	Q
		CC-4	Structural Geology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	8	6	48	2021	8.67	8.92	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	GEOLOGY	SEC-1	Basic Field Training	8	2	16	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	8.62	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022				
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.25	9.25	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	10	6	60	2023	9.50	9.50	Q
		CC-14	Engineering Geology	10	6	60	2023			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.28										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : MOHIT MONDAL

Roll No. 200340500055

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	9.00	9.09	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	9.50	9.60	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2021	8.67	8.77	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	9.33	9.15	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	7.25	7.25	Q
		CC-12	Organic Chemistry-V	8	6	48	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	7.25	7.25	Q
		CC-14	Physical Chemistry-IV	6	6	36	2023			
	CHEMISTRY	DSE-3	Green Chemistry	7	6	42	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.49										


Date of Publication of Result : 25.08.2023

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : MOUBANI DAS

Roll No. 200340500057

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	9	6	54	2021	8.67	8.62	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	9	6	54	2022	9.00	9.23	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	10	6	60	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022				
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	8.00	8.00	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023	9.25	9.25	Q
		CC-14	Formation and Excretion of Urine	10	6	60	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.79										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : NAHISHA SULTANA

Roll No. 200340500058

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	10.00	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	9.00	9.00	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	9	6	54	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	9.00	8.62	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	7.75	7.75	Q
		CC-12	Plant Metabolism	8	6	48	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022			
		DSE-2	Natural Resource Management	7	6	42	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2023	7.50	7.50	Q
		CC-14	Plant Biotechnology	8	6	48	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.76										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : NAMRATA SEN

Roll No. 200340500059

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.50	9.27	Q
		CC-2	Mechanics	10	6	60	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.50	9.30	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	8.67	8.77	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	8.67	9.00	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2022	7.25	7.25	Q
		CC-12	Solid State Physics	7	6	42	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022			
		DSE-2	Classical Dynamics	7	6	42	2022			
		DSE-3	Nuclear and Particle Physics	7	6	42	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	6.75	6.75	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2023			
		DSE-4	Astronomy and Astrophysics	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.37										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : NAYAN SARKAR

Roll No. 200340500060

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.45	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	9.70	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	9.23	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	9.08	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.50	9.50	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	10	6	60	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.50	8.50	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.22							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.23										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : NEHA TAUFIQUE

Roll No. 200340500061

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.00	7.55	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	8	6	48	2021	8.50	8.40	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021			
	Communicative English/MIL	AECC-2	Urdu	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.33	7.62	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	7	6	42	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.00	8.23	Q
		CC-9	Gastrointestinal Function	8	6	48	2022			
		CC-10	Respiration	8	6	48	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	5	6	30	2022	5.75	5.75	Q
		CC-12	Endocrinology	5	6	30	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	6	6	36	2022			
		DSE-2	Sports and Exercise Physiology	7	6	42	2022			
		CC-13	Reproduction	6	6	36	2023			
VI	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	8	6	48	2023	7.25	7.25	Q
		PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48			
	PHYSIOLOGY		DSE-4	Toxicology	7	6	42			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.28								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.45										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
		= (SGPA or CGPA × 10) - 5.0	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)





THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : NITA SARKAR

Roll No. 200340500062

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020	9.50	9.00	Q
		CC-2	Ecology	10	6	60	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2021	10.00	10.00	Q
		CC-4	Cell Biology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.67	8.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	9	2	18	2022			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022	7.25	7.25	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Parasitology	7	6	42	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023	7.00	7.00	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.39										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : OINDRILA NEOGI

Roll No. 200340500063

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	8.00	8.15	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.77	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022	8.25	8.25	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	8.00	8.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.37										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : OISHI DEB MALLIK

Roll No. 200340500064

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	8.50	8.09	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.70	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	6	6	36	2021	7.00	7.46	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	7	6	42	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022				
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	7.25	7.25	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	8	6	48	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023	8.00	8.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.94							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.01										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	Percentage	Grade Point	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : PALLAB MALLICK

Roll No. 200340500066

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	8	6	48	2020	9.00	8.82	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2021	9.00	9.00	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	8.67	8.23	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.33	8.85	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2022	6.50	6.50	Q
		CC-12	Mechanics I	4	6	24	2022			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2022			
		DSE-2	Probability & Statistics	7	6	42	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2023	6.50	6.50	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2023			
		DSE-4	Mechanics II	5	6	30	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.89							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.96										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:	
	Grade Point	Percentage
90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%
50% and above but below 60%	6	40% and above but below 50%
35% and above but below 40%	4	Below 35%
		Not Awarded (NA)

Percentage Conversion Formula:
= (SGPA or CGPA × 10) - 5.0
*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : PRAKASH HAZARI

Roll No. 200340500067

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	9.00	9.00	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2021	8.50	9.10	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	8.67	8.69	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	9.33	9.00	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	8.25	8.25	Q
		CC-12	Organic Chemistry-V	8	6	48	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.70										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : PRAPTI HALDAR

Roll No. 200340500068

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	9.00	9.00	Q
		CC-2	Ecology	10	6	60	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ZOOLOGY	CC-3	Non-chordates II	10	6	60	2021	10.00	9.90	Q
		CC-4	Cell Biology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022	9.67	9.08	Q
		CC-9	Animal Physiology: Life Sustaining Systems	10	6	60	2022			
		CC-10	Immunology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2022	8.25	8.25	Q
		CC-12	Genetics	9	6	54	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	8	6	48	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023	8.25	8.25	Q
		CC-14	Evolutionary Biology	9	6	54	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.90										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : PRITAM KUMAR SIL

Roll No. 200340500069

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.45	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	9.60	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	9.23	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	9.08	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.75	9.75	Q
		CC-12	Economic Geology	10	6	60	2022			
	GEOLOGY	DSE-1	Geodynamics	10	6	60	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	9.00	9.00	Q
		CC-14	Engineering Geology	8	6	48	2023			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2023			
		DSE-4	Evolution of Life Through Time	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.39							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.34										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **PRIYA DHALI**Roll No. **200340500070**

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	8.50	8.09	Q
		CC-2	Biological Physics and Enzymes	8	6	48	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	8.50	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.08	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	7	6	42	2022	8.33	8.31	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	7.50	7.50	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023	8.25	8.25	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : **PROJJAL BHAR**Roll No. **200340500071**

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.09	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.33	8.38	Q
		CC-6	Circulation	9	6	54	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022				
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	7.50	7.50	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	7	6	42	2023	8.00	8.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.27										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
		= (SGPA or CGPA × 10) - 5.0	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : RAJDIP BHATTACHARYYA

Roll No. 200340500072

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2020	9.50	9.27	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	9.70	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2021	7.67	7.62	Q
		CC-6	Plant Systematics	7	6	42	2021			
		CC-7	Economic Botany	8	6	48	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	8.33	8.15	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	8.00	8.00	Q
		CC-12	Plant Metabolism	8	6	48	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022			
		DSE-2	Natural Resource Management	8	6	48	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023	8.50	8.50	Q
		CC-14	Plant Biotechnology	8	6	48	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.48										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : RIDDHIMA MANDAL

Roll No. 200340500073

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	9.00	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.50	9.30	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	8.67	8.54	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	8.67	9.08	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022	6.75	6.75	Q
		CC-12	Solid State Physics	6	6	36	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2022			
		DSE-2	Classical Dynamics	7	6	42	2022			
		PHYSICS	CC-13	Electromagnetic Theory	6	6	36			
VI	PHYSICS	CC-14	Statistical Mechanics	7	6	42	2023	6.00	6.00	Q
		PHYSICS	DSE-3	Nuclear and Particle Physics	5	6	30			
	PHYSICS		DSE-4	Astronomy and Astrophysics	6	6	36			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.08										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : RITAM MONDAL

Roll No. 200340500074

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.64	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	9.70	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.33	9.00	Q
		CC-6	Sedimentology	9	6	54	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	8.85	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.25	9.25	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	9.00	9.00	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.21										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zyoti Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ROHIT SHARMA

Roll No. 200340500076

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	8.73	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.00	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	9	6	54	2021			
	Communicative English/MIL	AECC-2	Hindi	9	2	18	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2021	8.00	8.15	Q
		CC-6	Thermal Physics	8	6	48	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	9	6	54	2022	8.33	8.77	Q
		CC-9	Elements of Modern Physics	8	6	48	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022	7.75	7.75	Q
		CC-11	Quantum Mechanics and Applications	8	6	48	2022			
	CC-12	Solid State Physics	7	6	42	2022				
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022			
		DSE-2	Classical Dynamics	7	6	42	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2023	7.25	7.25	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2023			
		DSE-4	Astronomy and Astrophysics	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.06							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : ROUNAK DEY

Roll No. 200340500077

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	10	6	60	2020	9.50	9.18	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.50	9.70	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2021	8.33	8.62	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.00	9.00	Q
		CC-9	Elements of Modern Physics	8	6	48	2022			
		CC-10	Analog Systems & Applications	9	6	54	2022			
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
V	PHYSICS	SEC-2	Electrical Circuits and Network Skills	9	2	18	2022	8.25	8.25	Q
		CC-11	Quantum Mechanics and Applications	8	6	48	2022			
	CC-12	Solid State Physics	7	6	42	2022				
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022			
		DSE-2	Classical Dynamics	8	6	48	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2023	7.00	7.00	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2023			
		DSE-4	Astronomy and Astrophysics	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.59										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : RUPANJANA CHAKRABORTY

Roll No. 200340500078

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.08	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.69	Q
		CC-9	Gastrointestinal Function	10	6	60	2022			
		CC-10	Respiration	8	6	48	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022	8.75	8.75	Q
		CC-12	Endocrinology	8	6	48	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
		DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023	9.00	9.00	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.67							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.63										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SABNAM SULTANA

Roll No. 200340500079

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.00	8.00	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	8.70	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2021	8.67	8.77	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	10	6	60	2022	9.00	8.62	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	8	6	48	2022	9.00	9.00	Q
		CC-12	Genetics	9	6	54	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	9	6	54	2022			
		DSE-2	Parasitology	10	6	60	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2023	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.50							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.44										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SAIKAT PRAMANIK

Roll No. 200340500080

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.82	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	10.00	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	9.00	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	9.08	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.00	9.00	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.50	8.50	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.20										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SANANDA MANNA

Roll No. 200340500081

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	9.50	9.70	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2021	9.00	9.00	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	10.00	9.54	Q
		CC-9	Inorganic Chemistry-III	10	6	60	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2022	8.50	8.50	Q
		CC-12	Organic Chemistry-V	9	6	54	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2023	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	8	6	48	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.22							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.24										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SANGEET CHATTERJEE

Roll No. 200340500082

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.00	8.00	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	9.00	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	10	6	60	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	8.33	8.15	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022	8.00	8.00	Q
		CC-12	Genetics	8	6	48	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	9	6	54	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	8	6	48	2023	7.50	7.50	Q
		CC-14	Evolutionary Biology	7	6	42	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	8	6	48	2023			
		DSE-4	Endocrinology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.22							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.32										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SANGHITA GHOSH

Roll No. 200340500083

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	9.00	9.27	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	9.50	9.70	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	10	6	60	2021	9.67	9.46	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	9.67	9.54	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	8.50	8.50	Q
		CC-12	Organic Chemistry-V	10	6	60	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2023	9.00	9.00	Q
		CC-14	Physical Chemistry-IV	8	6	48	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.17							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.24										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SAYAN BHAR

Roll No. 200340500085

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	9	6	54	2020	9.50	9.18	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	9	6	54	2021	9.50	9.70	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	9.00	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	9	6	54	2022	9.00	8.85	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.00	9.00	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.00	8.00	Q
		CC-14	Engineering Geology	8	6	48	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.89							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.93										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SAYAN KHARA

Roll No. 200340500086

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	9.18	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	9	6	54	2021	9.00	9.40	Q
		CC-4	Waves and Optics	9	6	54	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	9.00	9.08	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.00	9.00	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	9	6	54	2022			
V	PHYSICS	CC-11	Quantum Mechanics and Applications	6	6	36	2022	6.50	6.50	Q
		CC-12	Solid State Physics	6	6	36	2022			
	PHYSICS	DSE-1	Advanced Mathematical Physics	9	6	54	2022			
		DSE-2	Classical Dynamics	5	6	30	2022			
		DSE-3	Nuclear and Particle Physics	7	6	42	2023			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	6.25	6.25	Q
		CC-14	Statistical Mechanics	6	6	36	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2023			
		DSE-4	Astronomy and Astrophysics	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.21										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHAIQA SHABNAM

Roll No. 200340500088

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	8.82	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	10.00	9.60	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	8.33	8.23	Q
		CC-6	Group Theory I	9	6	54	2021			
		CC-7	Numerical Methods	7	6	42	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.00	8.62	Q
		CC-9	Multivariate Calculus	8	6	48	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2022	8.25	8.25	Q
		CC-12	Mechanics I	6	6	36	2022			
	MATHEMATICS	DSE-1	Linear Programming	10	6	60	2022			
		DSE-2	Probability & Statistics	8	6	48	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2023	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2023			
		DSE-4	Mechanics II	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.51										

Date of Publication of Result : 25.08.2023


$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHANKREE KUMARI MAHATO

Roll No. 200340500089

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	9	6	54	2020	9.50	9.09	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	9.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	9.00	9.00	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	9	6	54	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	9.00	8.38	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	8.00	8.00	Q
		CC-12	Plant Metabolism	8	6	48	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022			
		DSE-2	Natural Resource Management	8	6	48	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023	8.25	8.25	Q
		CC-14	Plant Biotechnology	9	6	54	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.68										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHARANDIP MONDAL

Roll No. 200340500090

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020	8.50	8.09	Q
		CC-2	Ecology	8	6	48	2020			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	8.70	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	8	6	48	2021	8.33	8.31	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	8	6	48	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	BOTANY	GE-3	Plant Anatomy and Embryology	8	6	48	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2022	8.00	7.77	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	7	6	42	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2022			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2022	5.50	5.50	Q
		CC-12	Genetics	6	6	36	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2022			
		DSE-2	Parasitology	6	6	36	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2023	5.50	5.50	Q
		CC-14	Evolutionary Biology	5	6	30	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2023			
		DSE-4	Endocrinology	5	6	30	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.11							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.28										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

= (SGPA or CGPA × 10) - 5.0
 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHAYNI SAHA

Roll No. 200340500091

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.15	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	9	6	54	2022	8.50	8.50	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	9	6	54	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
		PHYSIOLOGY	CC-13	Reproduction	9	6	54			
VI	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	9	6	54	2023	8.75	8.75	Q
		PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54			
	PHYSIOLOGY		DSE-4	Toxicology	8	6	48			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.61								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.62										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHIBAM BISWAS

Roll No. 20034050092

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	9.00	9.27	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2021	8.50	9.00	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	8.67	8.54	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	8	6	48	2022	8.67	8.69	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	7.00	7.00	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	8.00	8.00	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.39										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHINJINI NANDI

Roll No. 20034050093

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	8	6	48	2020	8.00	8.00	Q
		CC-2	Ecology	8	6	48	2020			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	9.00	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	8.85	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	8	6	48	2021			
	ZOOLOGY	SEC-1	Apiculture	10	2	20	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	9	6	54	2022	9.00	8.38	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	10	2	20	2022			
V	ZOOLOGY	CC-11	Molecular Biology	6	6	36	2022	6.75	6.75	Q
		CC-12	Genetics	7	6	42	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	7	6	42	2022			
		DSE-2	Parasitology	7	6	42	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	6	6	36	2023	6.00	6.00	Q
		CC-14	Evolutionary Biology	6	6	36	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	5	6	30	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.72							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.82										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SHREYA DIG

Roll No. 200340500095

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.08	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.54	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	9	2	18	2022			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	8.00	8.00	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
		CC-13	Reproduction	7	6	42	2023			
VI	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	8	6	48	2023	7.75	7.75	Q
		PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54			
	PHYSIOLOGY		DSE-4	Toxicology	7	6	42			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.27										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course	9 and above	O (Outstanding)	5 to below 6	B (Average)	Q – Qualified
GE – Generic Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	7 to below 8	A (Very Good)	Below 4	F (Fail)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOHAM GHOSH

Roll No. 200340500098

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.27	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	9	6	54	2021	9.00	8.60	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2021	8.33	8.31	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	9.00	9.08	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2022	9.00	9.00	Q
		CC-12	Organic Chemistry-V	9	6	54	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2022			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2023	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	8	6	48	2023			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.00							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.92										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOUMIK MALLICK

Roll No. 200340500099

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.64	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.31	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.33	8.46	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	8	6	48	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	8.00	8.00	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
		CC-13	Reproduction	8	6	48	2023			
VI	PHYSIOLOGY	CC-14	Formation and Excretion of Urine	9	6	54	2023	8.50	8.50	Q
		PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54			
	PHYSIOLOGY		DSE-4	Toxicology	8	6	48			
		CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39								
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.46										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOUMILI PAL

Roll No. 200340500100

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.82	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	10.00	Q
		CC-4	Structural Geology	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	8.77	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	10	6	60	2022	9.33	9.31	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022			
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	8.75	8.75	Q
		CC-12	Economic Geology	8	6	48	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.50	8.50	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.11							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.15										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOUMYADIP NAG

Roll No. 200340500101

Honours: ECONOMICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ECONOMICS	CC-1	Introductory Microeconomics	8	6	48	2020	9.00	8.73	Q
		CC-2	Statistics-I	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ECONOMICS	CC-3	Introductory Macroeconomics	10	6	60	2021	10.00	9.90	Q
		CC-4	Mathematical Economics-I	10	6	60	2021			
	STATISTICS	GE-2	Introductory Probability	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	ECONOMICS	CC-5	Intermediate Microeconomics	9	6	54	2021	9.00	8.77	Q
		CC-6	Intermediate Macroeconomics	8	6	48	2021			
		CC-7	Mathematical Economics -II	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
	ECONOMICS	SEC-1	Managerial Economics	9	2	18	2021			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	9	6	54	2022	9.00	9.08	Q
		CC-9	Statistics-II	9	6	54	2022			
		CC-10	Development Economics	9	6	54	2022			
	STATISTICS	GE-4	Applied Statistics	9	6	54	2022			
	ECONOMICS	SEC-2	Basic Computer Applications	10	2	20	2022			
V	ECONOMICS	CC-11	International Economics	7	6	42	2022	7.50	7.50	Q
		CC-12	Money and Banking	8	6	48	2022			
	ECONOMICS	DSE-1	Rural Development	8	6	48	2022			
		DSE-2	Public Economics	7	6	42	2022			
VI	ECONOMICS	CC-13	Basic Econometrics	9	6	54	2023	8.75	8.75	Q
		CC-14	Field Survey & Project Report	10	6	60	2023			
	ECONOMICS	DSE-3	Political Economy	9	6	54	2023			
		DSE-4	Entrepreneurship Development	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.72							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.76										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SOUVAB DEBNATH

Roll No. 200340500102

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	9.36	Q
		CC-2	Archegoniatae	10	6	60	2020			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	9.00	9.00	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	9	6	54	2021			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	10	6	60	2022	9.67	9.08	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2022			
		CC-10	Molecular Biology	9	6	54	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
BOTANY	SEC-2	Herbal Technology	10	2	20	2022				
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	8.50	8.50	Q
		CC-12	Plant Metabolism	8	6	48	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2022			
		DSE-2	Natural Resource Management	9	6	54	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	9	6	54	2023	9.25	9.25	Q
		CC-14	Plant Biotechnology	10	6	60	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.28							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.17										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SRABASTI DHAR

Roll No. 200340500103

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	10.00	9.90	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.67	9.54	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	9.67	9.46	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2022	8.75	8.75	Q
		CC-12	Organic Chemistry-V	10	6	60	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	8	6	48	2022			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	10	6	60	2023	9.50	9.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2023			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.44										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SRISHTI KARMAKAR

Roll No. 200340500104

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.36	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.10	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	8	6	48	2021	8.00	8.15	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	8	6	48	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	10	2	20	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.69	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	9	6	54	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	7	6	42	2022	7.50	7.50	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	8	6	48	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	8.50	8.50	Q
		CC-14	Formation and Excretion of Urine	9	6	54	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	9	6	54	2023			
		DSE-4	Toxicology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.33							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.37										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUBHAM GHOSH

Roll No. 200340500105

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.82	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	9.70	Q
		CC-4	Structural Geology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	10	6	60	2021	9.00	9.23	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	10	6	60	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	10	6	60	2022	9.33	8.85	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022				
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.00	9.00	Q
		CC-12	Economic Geology	8	6	48	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	10	6	60	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	8.75	8.75	Q
		CC-14	Engineering Geology	9	6	54	2023			
	GEOLOGY	DSE-3	Fuel Geology	7	6	42	2023			
		DSE-4	Evolution of Life Through Time	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.22							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.20										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUBHO BISWAS

Roll No. 200340500106

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	9.27	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	10.00	9.70	Q
		CC-4	Differential Equations and Vector Calculus	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2021	8.67	8.69	Q
		CC-6	Group Theory I	10	6	60	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	9	6	54	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.00	8.62	Q
		CC-9	Multivariate Calculus	8	6	48	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2022	7.50	7.50	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Linear Programming	9	6	54	2022			
		DSE-2	Probability & Statistics	7	6	42	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023	7.50	7.50	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2023			
		DSE-4	Mechanics II	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.51										


Date of Publication of Result : 25.08.2023

$$SGPA(S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name :SUCHISMAN KUNDU

Roll No. 200340500107

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	8.50	8.73	Q
		CC-2	Physical Chemistry-I	7	6	42	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	9.50	9.60	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	8	6	48	2021	8.33	8.38	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	9	6	54	2022	8.67	8.62	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2022			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	6.75	6.75	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	7.50	7.50	Q
		CC-14	Physical Chemistry-IV	6	6	36	2023			
	CHEMISTRY	DSE-3	Green Chemistry	8	6	48	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.00							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.23										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUDIP DAS

Roll No. 200340500108

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	9.00	9.09	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	9.50	9.40	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.33	9.00	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	8	6	48	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	9.33	9.00	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2022	8.00	8.00	Q
		CC-12	Organic Chemistry-V	9	6	54	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2022			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2023	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	8	6	48	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.78							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.77										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name :SUKANTA SEAL

Roll No. 200340500110

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	9	6	54	2020	9.00	9.09	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2021	8.50	8.60	Q
		CC-4	Organic Chemistry-II	9	6	54	2021			
	PHYSICS	GE-2	Electricity and Magnetism	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	8.67	8.69	Q
		CC-6	Inorganic Chemistry-II	9	6	54	2021			
		CC-7	Organic Chemistry-III	8	6	48	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	8	6	48	2022	8.33	8.23	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2022			
		CC-10	Organic Chemistry - IV	9	6	54	2022			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2022	6.75	6.75	Q
		CC-12	Organic Chemistry-V	7	6	42	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2022			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	7	6	42	2023	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	7	6	42	2023			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.25										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
		= (SGPA or CGPA × 10) - 5.0	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)





THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUMAN GHOSH

Roll No. 200340500112

Honours: MATHEMATICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	MATHEMATICS	CC-1	Calculus, Geometry & Differential Equations	9	6	54	2020	9.50	9.18	Q
		CC-2	Algebra	10	6	60	2020			
	PHYSICS	GE-1	Mechanics	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	10	4	40	2020			
II	MATHEMATICS	CC-3	Real Analysis	10	6	60	2021	9.50	9.70	Q
		CC-4	Differential Equations and Vector Calculus	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	9	6	54	2021	8.33	8.23	Q
		CC-6	Group Theory I	8	6	48	2021			
		CC-7	Numerical Methods	8	6	48	2021			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2021			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2021			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2022	9.33	8.85	Q
		CC-9	Multivariate Calculus	9	6	54	2022			
		CC-10	Ring Theory and Linear Algebra I	10	6	60	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2022				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2022	7.50	7.50	Q
		CC-12	Mechanics I	5	6	30	2022			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2022			
		DSE-2	Probability & Statistics	8	6	48	2022			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2023	7.50	7.50	Q
		CC-14	Ring Theory and Linear Algebra II	5	6	30	2023			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2023			
		DSE-4	Mechanics II	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.39							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.45										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUMAN TIWARI

Roll No. 200340500113

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	8	6	48	2020	8.50	8.09	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.33	7.62	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	7	6	42	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
	PHYSIOLOGY	SEC-1	Histopathological Techniques	9	2	18	2021			
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.33	8.23	Q
		CC-9	Gastrointestinal Function	8	6	48	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
	PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022			
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	7.00	7.00	Q
		CC-12	Endocrinology	6	6	36	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	7	6	42	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	8	6	48	2023	7.75	7.75	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023			
		DSE-4	Toxicology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.83							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.92										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SURARSI PAL

Roll No. 200340500114

Honours: GEOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	GEOLOGY	CC-1	Earth System Science	10	6	60	2020	10.00	9.36	Q
		CC-2	Mineral Science	10	6	60	2020			
	MATHEMATICS	GE-1	Differential Calculus	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020			
II	GEOLOGY	CC-3	Elements of Geochemistry	10	6	60	2021	10.00	10.00	Q
		CC-4	Structural Geology	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	GEOLOGY	CC-5	Igneous Petrology	9	6	54	2021	9.00	9.00	Q
		CC-6	Sedimentology	8	6	48	2021			
		CC-7	Paleontology	10	6	60	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
	GEOLOGY	SEC-1	Basic Field Training	9	2	18	2021			
IV	GEOLOGY	CC-8	Metamorphic Petrology	10	6	60	2022	9.33	8.85	Q
		CC-9	Principles of Stratigraphy and Precambrian Stratigraphy of India	10	6	60	2022			
		CC-10	Phanerozoic Stratigraphy of India	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
GEOLOGY	SEC-2	Geological Mapping and Structural Geology Field	10	2	20	2022				
V	GEOLOGY	CC-11	Hydrogeology	9	6	54	2022	9.00	9.00	Q
		CC-12	Economic Geology	9	6	54	2022			
	GEOLOGY	DSE-1	Geodynamics	9	6	54	2022			
		DSE-2	Introduction to Geophysics	9	6	54	2022			
VI	GEOLOGY	CC-13	Geomorphology, Remote Sensing & GIS	9	6	54	2023	9.25	9.25	Q
		CC-14	Engineering Geology	10	6	60	2023			
	GEOLOGY	DSE-3	Fuel Geology	9	6	54	2023			
		DSE-4	Evolution of Life Through Time	9	6	54	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.33							Letter Grade in CGPA : O	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.21										

Date of Publication of Result : 25.08.2023


$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i}$$

$$CGPA = \frac{\sum_{i=1}^n (V_i \times S_i)}{\sum_{i=1}^n V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
	CGPA	Letter Grade	CGPA	Letter Grade	
CC – Core Course					Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUSMITA PAIK

Roll No. 200340500115

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	8	6	48	2020	9.00	9.27	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	9	6	54	2021	9.00	9.08	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	9	6	54	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	10	2	20	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	8.67	8.38	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	7	6	42	2022	7.25	7.25	Q
		CC-12	Plant Metabolism	7	6	42	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2022			
		DSE-2	Natural Resource Management	7	6	42	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2023	7.25	7.25	Q
		CC-14	Plant Biotechnology	7	6	42	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.28							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.49										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SUTRISHNA DAS

Roll No. 200340500116

Honours: BOTANY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	BOTANY	CC-1	Microbiology and Phycology	10	6	60	2020	10.00	9.82	Q
		CC-2	Archegoniatae	10	6	60	2020			
	ZOOLOGY	GE-1	Animal Diversity	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	BOTANY	CC-3	Mycology and Phytopathology	10	6	60	2021	10.00	10.00	Q
		CC-4	Morphology and Anatomy of Angiosperms	10	6	60	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	10	2	20	2021			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2021	8.33	8.54	Q
		CC-6	Plant Systematics	9	6	54	2021			
		CC-7	Economic Botany	8	6	48	2021			
	ZOOLOGY	GE-3	Physiology and Biochemistry	9	6	54	2021			
	BOTANY	SEC-1	Mushroom Culture Technology	9	2	18	2021			
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2022	8.67	8.38	Q
		CC-9	Biomolecules and Cell Biology	9	6	54	2022			
		CC-10	Molecular Biology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	BOTANY	SEC-2	Herbal Technology	10	2	20	2022			
V	BOTANY	CC-11	Plant Physiology	8	6	48	2022	7.75	7.75	Q
		CC-12	Plant Metabolism	7	6	42	2022			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	9	6	54	2022			
		DSE-2	Natural Resource Management	7	6	42	2022			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2023	8.00	8.00	Q
		CC-14	Plant Biotechnology	8	6	48	2023			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2023			
		DSE-4	Horticulture Practices & Post-Harvest Technology	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.56							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.69										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:		
	90% to 100%	10	80% and above but below 90%
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)

*Letter Grade in CGPA is awarded on the basis of CCs and DSEs



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SWARNALI DUTTA

Roll No. 200340500117

Honours: CHEMISTRY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	CHEMISTRY	CC-1	Organic Chemistry-I	10	6	60	2020	9.50	9.55	Q
		CC-2	Physical Chemistry-I	9	6	54	2020			
	MATHEMATICS	GE-1	Differential Calculus	10	6	60	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	10	6	60	2021	10.00	9.90	Q
		CC-4	Organic Chemistry-II	10	6	60	2021			
	PHYSICS	GE-2	Electricity and Magnetism	10	6	60	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	CHEMISTRY	CC-5	Physical Chemistry-II	9	6	54	2021	9.33	9.31	Q
		CC-6	Inorganic Chemistry-II	10	6	60	2021			
		CC-7	Organic Chemistry-III	9	6	54	2021			
	MATHEMATICS	GE-3	Real Analysis	9	6	54	2021			
CHEMISTRY	SEC-1	Basic Analytical Chemistry	10	2	20	2021				
IV	CHEMISTRY	CC-8	Physical Chemistry-III	10	6	60	2022	9.67	9.54	Q
		CC-9	Inorganic Chemistry-III	9	6	54	2022			
		CC-10	Organic Chemistry - IV	10	6	60	2022			
	PHYSICS	GE-4	Waves and Optics	9	6	54	2022			
CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2022				
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	9	6	54	2022	9.25	9.25	Q
		CC-12	Organic Chemistry-V	10	6	60	2022			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	9	6	54	2022			
		DSE-2	Analytical Methods in Chemistry	9	6	54	2022			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2023	9.25	9.25	Q
		CC-14	Physical Chemistry-IV	9	6	54	2023			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2023			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 9.44							Letter Grade in CGPA : O		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 9.45										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : SYED FARHAAN SALAHUDDIN

Roll No. 200340500118

Honours: PHYSIOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSIOLOGY	CC-1	Cellular Basis of Physiology	9	6	54	2020	9.00	8.09	Q
		CC-2	Biological Physics and Enzymes	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2020			
II	PHYSIOLOGY	CC-3	Physiology of Nerve and Muscle Cells	9	6	54	2021	9.00	9.00	Q
		CC-4	Chemistry of Biomolecules	9	6	54	2021			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021			
III	PHYSIOLOGY	CC-5	Circulating Body Fluids	7	6	42	2021	7.33	7.54	Q
		CC-6	Circulation	8	6	48	2021			
		CC-7	Functions of The Nervous System	7	6	42	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021			
PHYSIOLOGY	SEC-1	Histopathological Techniques	8	2	16	2021				
IV	PHYSIOLOGY	CC-8	Energy Balance, Metabolism and Nutrition	8	6	48	2022	8.67	8.46	Q
		CC-9	Gastrointestinal Function	9	6	54	2022			
		CC-10	Respiration	9	6	54	2022			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2022			
PHYSIOLOGY	SEC-2	Hematological Techniques	8	2	16	2022				
V	PHYSIOLOGY	CC-11	Special Senses	8	6	48	2022	7.75	7.75	Q
		CC-12	Endocrinology	7	6	42	2022			
	PHYSIOLOGY	DSE-1	Biological Statistics	7	6	42	2022			
		DSE-2	Sports and Exercise Physiology	9	6	54	2022			
VI	PHYSIOLOGY	CC-13	Reproduction	9	6	54	2023	8.00	8.00	Q
		CC-14	Formation and Excretion of Urine	8	6	48	2023			
	PHYSIOLOGY	DSE-3	Human Nutrition and Dietetics	8	6	48	2023			
		DSE-4	Toxicology	7	6	42	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.17							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.11										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs.<5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Grade Point Norms		Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	Grade Point	Percentage	
90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7
50% and above but below 60%	6	40% and above but below 50%	5
35% and above but below 40%	4	Below 35%	Not Awarded (NA)



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : TOUSIF PURKAIT

Roll No. 200340500120

Honours: ZOOLOGY										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	ZOOLOGY	CC-1	Non-chordates I	9	6	54	2020	9.00	8.73	Q
		CC-2	Ecology	9	6	54	2020			
	PHYSIOLOGY	GE-1	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	ZOOLOGY	CC-3	Non-chordates II	9	6	54	2021	9.00	9.10	Q
		CC-4	Cell Biology	9	6	54	2021			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	ZOOLOGY	CC-5	Chordates	9	6	54	2021	9.00	9.00	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	9	6	54	2021			
		CC-7	Fundamentals of Biochemistry	9	6	54	2021			
	PHYSIOLOGY	GE-3	Respiratory and Cardiovascular Physiology	9	6	54	2021			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2021			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	8	6	48	2022	8.33	8.00	Q
		CC-9	Animal Physiology: Life Sustaining Systems	9	6	54	2022			
		CC-10	Immunology	8	6	48	2022			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022			
	ZOOLOGY	SEC-2	Medical Diagnostics	8	2	16	2022			
V	ZOOLOGY	CC-11	Molecular Biology	7	6	42	2022	8.00	8.00	Q
		CC-12	Genetics	9	6	54	2022			
	ZOOLOGY	DSE-1	Animal Biotechnology	8	6	48	2022			
		DSE-2	Parasitology	8	6	48	2022			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2023	6.50	6.50	Q
		CC-14	Evolutionary Biology	6	6	36	2023			
	ZOOLOGY	DSE-3	Animal Behaviour	7	6	42	2023			
		DSE-4	Endocrinology	6	6	36	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.11							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.20										

Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "Not Computed" due to absence in C1, C2 and C4 as applicable.

Grade Point Norms	Percentage Conversion Formula:			
	90% to 100%	10	80% and above but below 90%	9
70% and above but below 80%	8	60% and above but below 70%	7	
50% and above but below 60%	6	40% and above but below 50%	5	
35% and above but below 40%	4	Below 35%	Not Awarded (NA)	



THE UNIVERSITY OF BURDWAN
B.SC. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2023 UNDER CBCS
GRADE CARD

Name : UTSAB GHOSH

Roll No. 200340500121

Honours: PHYSICS										
Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of		Result Code
								CCs & DSEs	All Courses	
I	PHYSICS	CC-1	Mathematical Physics-I	9	6	54	2020	9.00	9.00	Q
		CC-2	Mechanics	9	6	54	2020			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020			
II	PHYSICS	CC-3	Electricity and Magnetism	10	6	60	2021	10.00	10.00	Q
		CC-4	Waves and Optics	10	6	60	2021			
	MATHEMATICS	GE-2	Differential Equations	10	6	60	2021			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2021			
III	PHYSICS	CC-5	Mathematical Physics-II	9	6	54	2021	9.00	9.08	Q
		CC-6	Thermal Physics	9	6	54	2021			
		CC-7	Digital Systems and Applications	9	6	54	2021			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021			
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021			
IV	PHYSICS	CC-8	Mathematical Physics-III	10	6	60	2022	9.00	9.31	Q
		CC-9	Elements of Modern Physics	9	6	54	2022			
		CC-10	Analog Systems & Applications	8	6	48	2022			
	MATHEMATICS	GE-4	Algebra	10	6	60	2022			
V	PHYSICS	SEC-2	Electrical Circuits and Network Skills	10	2	20	2022	7.75	7.75	Q
		CC-11	Quantum Mechanics and Applications	8	6	48	2022			
	CC-12	Solid State Physics	7	6	42	2022				
	PHYSICS	DSE-1	Advanced Mathematical Physics	10	6	60	2022			
		DSE-2	Classical Dynamics	6	6	36	2022			
VI	PHYSICS	CC-13	Electromagnetic Theory	6	6	36	2023	7.25	7.25	Q
		CC-14	Statistical Mechanics	7	6	42	2023			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2023			
		DSE-4	Astronomy and Astrophysics	8	6	48	2023			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 8.44							Letter Grade in CGPA : A+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 8.70										


Date of Publication of Result : 25.08.2023

$$SGPA (S) = \frac{\sum_{i=1}^n (G_i \times V_i)}{\sum_{i=1}^n V_i} \quad CGPA = \frac{\sum_{i=1}^N (V_i \times S_i)}{\sum_{i=1}^N V_i}$$

Anindya Zohi Pal

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
GE – Generic Elective	9 and above	O (Outstanding)	5 to below 6	B (Average)	SNC – Semester Not Cleared
DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [CGPA on the basis of CCs and DSEs < 5 or any one or more semester(s) is/are not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			NC denotes "NotComputed" due to absence in C1, C2 and C4 as applicable.

	Grade Point Norms				Percentage Conversion Formula: = (SGPA or CGPA × 10) - 5.0 *Letter Grade in CGPA is awarded on the basis of CCs and DSEs
	90% to 100%	10	80% and above but below 90%	9	
	70% and above but below 80%	8	60% and above but below 70%	7	
	50% and above but below 60%	6	40% and above but below 50%	5	
	35% and above but below 40%	4	Below 35%	Not Awarded (NA)	