



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

Name : SREYASREE MONDAL

Roll No. 190640510032

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	7	6	42	2019	5.27	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2019		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	4	6	24	2019		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2019		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2021	7.10	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	7	6	42	2021		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	5	6	30	2021		SNC
	BOTANY	CC-2C	Plant Anatomy and Embryology	4	6	24	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	6	6	36	2021		
	ZOOLOGY	SEC-1	Apiculture	NC	2	NC			
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	7	6	42	2022	7.10	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	7	6	42	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	5	2	10	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	6	6	36	2022	6.60	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	7	6	42	2022		
	ZOOLOGY	SEC-3	Sericulture	6	2	12	2022		
VI	ZOOLOGY	DSE-1B	Immunology	7	6	42	2023	7.60	Q
	BOTANY	DSE-2B	Dissertation	9	6	54	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :		Result : PNC	

Date of Publication of Result : 18.10.2023

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

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : ADITYA PRATAP SINGH

Roll No. 200640510002

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	10	6	60	2020	9.00	Q
	PHYSICS	CC-2A	Mechanics	8	6	48	2020		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	9	6	54	2021	9.20	Q
	PHYSICS	CC-2B	Electricity and Magnetism	10	6	60	2021		
	CHEMISTRY	CC-3B	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-1C	Real Analysis	10	6	60	2021	8.80	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	8	6	48	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2022	8.40	Q
	PHYSICS	CC-2D	Waves and Optics	9	6	54	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022		
V	MATHEMATICS	DSE-1A	Matrices	9	6	54	2022	7.70	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	MATHEMATICS	DSE-1B	Linear Programming	7	6	42	2023	8.00	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	8	6	48	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.52</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : AYUSH ROY

Roll No. 200640510005

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	8	6	48	2020	7.45	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2020		
	PHYSIOLOGY	CC-3A	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-1B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021	8.10	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	7	6	42	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	9	6	54	2021	8.30	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	8	6	48	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2021		
	BOTANY	SEC-1	Herbal Technology	8	2	16	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	8.60	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	10	6	60	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	8	2	16	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	8	6	48	2022	8.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	9	6	54	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	7	6	42	2022		
	PHYSIOLOGY	SEC-3	Immunology	8	2	16	2022		
VI	ZOOLOGY	DSE-1B	Immunology	8	6	48	2023	8.30	Q
	BOTANY	DSE-2B	Dissertation	9	6	54	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2023		
	BOTANY	SEC-4	Mushroom Cultivation Technology	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.11</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : JAWED ANSARI

Roll No. 200640510006

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	8.82	Q
	MATHEMATICS	CC-2A	Differential Calculus	10	6	60	2020		
	PHYSICS	CC-3A	Mechanics	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	9.00	Q
	MATHEMATICS	CC-2B	Differential Equations	9	6	54	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2021	7.90	Q
	MATHEMATICS	CC-2C	Real Analysis	9	6	54	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	7	6	42	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022	7.70	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2022	6.50	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023	7.40	Q
	MATHEMATICS	DSE-2B	Linear Programming	6	6	36	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	8	6	48	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.90</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

Controller of Examinations

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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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : MADHUSHRITA DAS

Roll No. 200640510008

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	8	6	48	2020	8.55	Q
	MATHEMATICS	CC-2A	Differential Calculus	10	6	60	2020		
	CHEMISTRY	CC-3A	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	8	4	32	2020		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2021	9.20	Q
	MATHEMATICS	CC-2B	Differential Equations	10	6	60	2021		
	CHEMISTRY	CC-3B	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	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2021	9.00	Q
	MATHEMATICS	CC-2C	Real Analysis	10	6	60	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	PHYSICS	CC-1D	Waves and Optics	9	6	54	2022	8.70	Q
	MATHEMATICS	CC-2D	Algebra	10	6	60	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022		
V	PHYSICS	DSE-1A	Elements of Modern Physics	7	6	42	2022	7.90	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	7	2	14	2022		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	9	6	54	2023	8.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.61</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
CC – Core Course	CGPA	Letter Grade	CGPA	Letter Grade	Q – Qualified
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DSE – Discipline Specific Elective	8 to below 9	A+ (Excellent)	4 to below 5	P (Pass)	PNC – Programme Not Cleared [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : MD FAIZ

Roll No. 200640510009

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	8	6	48	2020	7.09	Q
	CHEMISTRY	CC-2A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2020		
	PHYSICS	CC-3A	Mechanics	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020		
II	MATHEMATICS	CC-1B	Differential Equations	8	6	48	2021	7.70	Q
	CHEMISTRY	CC-2B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	8	6	48	2021		
	Communicative English/MIL	AECC-2	Urdu	8	2	16	2021		
III	MATHEMATICS	CC-1C	Real Analysis	9	6	54	2021	7.70	Q
	CHEMISTRY	CC-2C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	6	6	36	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2021		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2022	8.00	Q
	CHEMISTRY	CC-2D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	PHYSICS	CC-3D	Waves and Optics	8	6	48	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	MATHEMATICS	DSE-1A	Matrices	8	6	48	2022	6.70	Q
	CHEMISTRY	DSE-2A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	6	6	36	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	7	2	14	2022		
VI	MATHEMATICS	DSE-1B	Linear Programming	6	6	36	2023	7.40	Q
	CHEMISTRY	DSE-2B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	8	6	48	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.43</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

Controller of Examinations

Course Type	CGPA Letter Grades				Result Codes
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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				<b>Percentage Conversion Formula:</b> = (SGPA or CGPA × 10) - 5.0
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	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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : MD. AAQUIL ANSARI

Roll No. 200640510010

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	9	6	54	2020	7.73	Q
	PHYSICS	CC-2A	Mechanics	7	6	42	2020		
	CHEMISTRY	CC-3A	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	MATHEMATICS	CC-1B	Differential Equations	9	6	54	2021	8.70	Q
	PHYSICS	CC-2B	Electricity and Magnetism	9	6	54	2021		
	CHEMISTRY	CC-3B	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	MATHEMATICS	CC-1C	Real Analysis	7	6	42	2021	7.40	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	6	6	36	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2021		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2022	8.00	Q
	PHYSICS	CC-2D	Waves and Optics	8	6	48	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	MATHEMATICS	DSE-1A	Matrices	6	6	36	2022	5.20	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	4	6	24	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	5	6	30	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	7	2	14	2022		
VI	MATHEMATICS	DSE-1B	Linear Programming	4	6	24	2023	5.80	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.15</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : MOHAMMAD RAFAYET

Roll No. 200640510011

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	8	6	48	2020	7.91	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2020		
	CHEMISTRY	CC-3A	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	6	4	24	2020		
II	PHYSICS	CC-1B	Electricity and Magnetism	8	6	48	2021	7.80	Q
	MATHEMATICS	CC-2B	Differential Equations	8	6	48	2021		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2021		
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2021		
III	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	6	6	36	2021	7.00	Q
	MATHEMATICS	CC-2C	Real Analysis	7	6	42	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	7	2	14	2021		
IV	PHYSICS	CC-1D	Waves and Optics	8	6	48	2022	8.00	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	PHYSICS	DSE-1A	Elements of Modern Physics	5	6	30	2022	5.60	Q
	MATHEMATICS	DSE-2A	Matrices	6	6	36	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	5	6	30	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	5	6	30	2023		SNC
	MATHEMATICS	DSE-2B	Linear Programming	NA	6	NA			
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses :						Letter Grade in CGPA :		Result : PNC	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : NAZIA AFRIN

Roll No. 200640510012

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	8	6	48	2020	8.73	Q
	ZOOLOGY	CC-2A	Animal Diversity	9	6	54	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	9	6	54	2021	9.00	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Urdu	9	2	18	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	9	6	54	2021	8.30	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	8	6	48	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2021		
	BOTANY	SEC-1	Herbal Technology	8	2	16	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	8	6	48	2022	8.40	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	9	2	18	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	7	6	42	2022	7.20	Q
	ZOOLOGY	DSE-2A	Applied Zoology	8	6	48	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	7	6	42	2022		
	PHYSIOLOGY	SEC-3	Immunology	6	2	12	2022		
VI	BOTANY	DSE-1B	Dissertation	9	6	54	2023	7.70	Q
	ZOOLOGY	DSE-2B	Immunology	6	6	36	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	8	6	48	2023		
	BOTANY	SEC-4	Mushroom Cultivation Technology	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.23</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : NEHA SULTANA

Roll No. 200640510013

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	8	6	48	2020	8.27	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2020		
	CHEMISTRY	CC-3A	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	8	4	32	2020		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2021	8.70	Q
	MATHEMATICS	CC-2B	Differential Equations	9	6	54	2021		
	CHEMISTRY	CC-3B	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	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	8	6	48	2021	7.50	Q
	MATHEMATICS	CC-2C	Real Analysis	6	6	36	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	PHYSICS	CC-1D	Waves and Optics	9	6	54	2022	8.60	Q
	MATHEMATICS	CC-2D	Algebra	10	6	60	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	PHYSICS	DSE-1A	Elements of Modern Physics	7	6	42	2022	8.00	Q
	MATHEMATICS	DSE-2A	Matrices	9	6	54	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2023	8.10	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.20</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : PRITI BERA

Roll No. 200640510014

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	9.00	Q
	MATHEMATICS	CC-2A	Differential Calculus	10	6	60	2020		
	PHYSICS	CC-3A	Mechanics	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	10	6	60	2021	9.80	Q
	MATHEMATICS	CC-2B	Differential Equations	10	6	60	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	10	6	60	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021	8.20	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	10	2	20	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	9.00	Q
	MATHEMATICS	CC-2D	Algebra	10	6	60	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	9	6	54	2022	8.60	Q
	MATHEMATICS	DSE-2A	Matrices	9	6	54	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	8	6	48	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	9	6	54	2023	8.70	Q
	MATHEMATICS	DSE-2B	Linear Programming	8	6	48	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	9	6	54	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.89</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : PRIYANSHU PANDIT

Roll No. 200640510015

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	ZOOLOGY	CC-1A	Animal Diversity	9	6	54	2020	8.82	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	9	6	54	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	ZOOLOGY	CC-1B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021	9.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	ZOOLOGY	CC-1C	Physiology and Biochemistry	8	6	48	2021	8.70	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	9	6	54	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Herbal Technology	9	2	18	2021		
IV	ZOOLOGY	CC-1D	Genetics and Evolutionary Biology	8	6	48	2022	8.50	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	9	6	54	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	7	2	14	2022		
V	ZOOLOGY	DSE-1A	Applied Zoology	9	6	54	2022	8.50	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	9	6	54	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	8	6	48	2022		
	PHYSIOLOGY	SEC-3	Immunology	7	2	14	2022		
VI	ZOOLOGY	DSE-1B	Immunology	7	6	42	2023	7.90	Q
	BOTANY	DSE-2B	Dissertation	10	6	60	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2023		
	BOTANY	SEC-4	Mushroom Cultivation Technology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.57</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : RAHUL PRASAD

Roll No. 200640510016

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	7	6	42	2020	7.73	Q
	ZOOLOGY	CC-2A	Animal Diversity	8	6	48	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	8	6	48	2021	8.30	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	8	6	48	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	8	6	48	2021	7.70	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	8	6	48	2021		
	ZOOLOGY	SEC-1	Apiculture	8	2	16	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	8	6	48	2022	7.70	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	7	6	42	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	8	2	16	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	8	6	48	2022	6.80	Q
	ZOOLOGY	DSE-2A	Applied Zoology	7	6	42	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	6	6	36	2022		
	ZOOLOGY	SEC-3	Sericulture	5	2	10	2022		
VI	BOTANY	DSE-1B	Dissertation	9	6	54	2023	7.50	Q
	ZOOLOGY	DSE-2B	Immunology	7	6	42	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	7	6	42	2023		
	PHYSIOLOGY	SEC-4	Environmental Physiology	6	2	12	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.62</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : RAHUL SHAW

Roll No. 200640510017

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2020	8.18	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2020		
	PHYSICS	CC-3A	Mechanics	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2021	7.70	Q
	MATHEMATICS	CC-2B	Differential Equations	8	6	48	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	8	6	48	2021		
	Communicative English/MIL	AECC-2	Hindi	8	2	16	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021	7.80	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	7	6	42	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022	8.00	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	8	6	48	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022	6.70	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	5	6	30	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	7	2	14	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	8	6	48	2023	6.90	Q
	MATHEMATICS	DSE-2B	Linear Programming	6	6	36	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	6	2	12	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.56</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : **ROSHAN KUMAR RAY**Roll No. **200640510018**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	8.27	Q
	MATHEMATICS	CC-2A	Differential Calculus	9	6	54	2020		
	PHYSICS	CC-3A	Mechanics	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	8.70	Q
	MATHEMATICS	CC-2B	Differential Equations	8	6	48	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021	7.80	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	7	6	42	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022	7.70	Q
	MATHEMATICS	CC-2D	Algebra	9	6	54	2022		
	PHYSICS	CC-3D	Waves and Optics	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	6	6	36	2022	6.10	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	4	6	24	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	7	2	14	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023	6.70	Q
	MATHEMATICS	DSE-2B	Linear Programming	6	6	36	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.56</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

**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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : SHAMIMA SHAMS

Roll No. 200640510019

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSICS	CC-1A	Mechanics	8	6	48	2020	8.55	Q
	MATHEMATICS	CC-2A	Differential Calculus	10	6	60	2020		
	CHEMISTRY	CC-3A	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	8	4	32	2020		
II	PHYSICS	CC-1B	Electricity and Magnetism	9	6	54	2021	8.70	Q
	MATHEMATICS	CC-2B	Differential Equations	9	6	54	2021		
	CHEMISTRY	CC-3B	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	PHYSICS	CC-1C	Thermal Physics and Statistical Mechanics	7	6	42	2021	7.80	Q
	MATHEMATICS	CC-2C	Real Analysis	8	6	48	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	PHYSICS	CC-1D	Waves and Optics	8	6	48	2022	8.30	Q
	MATHEMATICS	CC-2D	Algebra	10	6	60	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	PHYSICS	DSE-1A	Elements of Modern Physics	6	6	36	2022	7.40	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	8	6	48	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	PHYSICS	DSE-1B	Digital, Analog and Instrumentation	8	6	48	2023	7.30	Q
	MATHEMATICS	DSE-2B	Linear Programming	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.02</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : **SOURAJIT NATH**Roll No. **200640510021**

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSIOLOGY	CC-1A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	7	6	42	2020	6.55	Q
	BOTANY	CC-2A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2020		
	ZOOLOGY	CC-3A	Animal Diversity	7	6	42	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020		
II	PHYSIOLOGY	CC-1B	Digestion and Metabolism	8	6	48	2021	8.00	Q
	BOTANY	CC-2B	Plant Ecology and Taxonomy	8	6	48	2021		
	ZOOLOGY	CC-3B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021		
III	PHYSIOLOGY	CC-1C	Respiratory and Cardiovascular Physiology	6	6	36	2021	6.80	Q
	BOTANY	CC-2C	Plant Anatomy and Embryology	7	6	42	2021		
	ZOOLOGY	CC-3C	Physiology and Biochemistry	7	6	42	2021		
	BOTANY	SEC-1	Herbal Technology	8	2	16	2021		
IV	PHYSIOLOGY	CC-1D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	6.60	Q
	BOTANY	CC-2D	Plant Physiology and Metabolism	6	6	36	2022		
	ZOOLOGY	CC-3D	Genetics and Evolutionary Biology	6	6	36	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	6	2	12	2022		
V	PHYSIOLOGY	DSE-1A	Muscle and Nerve Physiology	7	6	42	2022	7.00	Q
	BOTANY	DSE-2A	Economic Botany and Biotechnology	7	6	42	2022		
	ZOOLOGY	DSE-3A	Applied Zoology	7	6	42	2022		
	PHYSIOLOGY	SEC-3	Immunology	7	2	14	2022		
VI	PHYSIOLOGY	DSE-1B	Reproductive Physiology	7	6	42	2023	7.50	Q
	BOTANY	DSE-2B	Dissertation	9	6	54	2023		
	ZOOLOGY	DSE-3B	Immunology	7	6	42	2023		
	BOTANY	SEC-4	Mushroom Cultivation Technology	6	2	12	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.07</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

**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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : SREYA MONDAL

Roll No. 200640510022

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	CHEMISTRY	CC-1A	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2020	8.82	Q
	MATHEMATICS	CC-2A	Differential Calculus	10	6	60	2020		
	PHYSICS	CC-3A	Mechanics	8	6	48	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2020		
II	CHEMISTRY	CC-1B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021	8.90	Q
	MATHEMATICS	CC-2B	Differential Equations	9	6	54	2021		
	PHYSICS	CC-3B	Electricity and Magnetism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2021		
III	CHEMISTRY	CC-1C	Chemical Energetic, Equilibria, Organic Chemistry	9	6	54	2021	8.70	Q
	MATHEMATICS	CC-2C	Real Analysis	9	6	54	2021		
	PHYSICS	CC-3C	Thermal Physics and Statistical Mechanics	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	CHEMISTRY	CC-1D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2022	8.90	Q
	MATHEMATICS	CC-2D	Algebra	10	6	60	2022		
	PHYSICS	CC-3D	Waves and Optics	9	6	54	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	8	2	16	2022		
V	CHEMISTRY	DSE-1A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022	7.00	Q
	MATHEMATICS	DSE-2A	Matrices	8	6	48	2022		
	PHYSICS	DSE-3A	Elements of Modern Physics	6	6	36	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	7	2	14	2022		
VI	CHEMISTRY	DSE-1B	Functional Group Organic Chemistry and Industrial Chemistry	6	6	36	2023	5.70	Q
	MATHEMATICS	DSE-2B	Linear Programming	4	6	24	2023		
	PHYSICS	DSE-3B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	6	2	12	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.02</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : SRITAMA LAHA

Roll No. 200640510023

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	BOTANY	CC-1A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	9	6	54	2020	9.00	Q
	ZOOLOGY	CC-2A	Animal Diversity	9	6	54	2020		
	PHYSIOLOGY	CC-3A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	9	6	54	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	9	4	36	2020		
II	BOTANY	CC-1B	Plant Ecology and Taxonomy	10	6	60	2021	9.30	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	9	6	54	2021		
	PHYSIOLOGY	CC-3B	Digestion and Metabolism	9	6	54	2021		
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2021		
III	BOTANY	CC-1C	Plant Anatomy and Embryology	10	6	60	2021	9.30	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	9	6	54	2021		
	PHYSIOLOGY	CC-3C	Respiratory and Cardiovascular Physiology	9	6	54	2021		
	BOTANY	SEC-1	Herbal Technology	9	2	18	2021		
IV	BOTANY	CC-1D	Plant Physiology and Metabolism	9	6	54	2022	8.60	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2022		
	PHYSIOLOGY	CC-3D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	9	6	54	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	8	2	16	2022		
V	BOTANY	DSE-1A	Economic Botany and Biotechnology	9	6	54	2022	9.00	Q
	ZOOLOGY	DSE-2A	Applied Zoology	9	6	54	2022		
	PHYSIOLOGY	DSE-3A	Muscle and Nerve Physiology	9	6	54	2022		
	PHYSIOLOGY	SEC-3	Immunology	9	2	18	2022		
VI	BOTANY	DSE-1B	Dissertation	10	6	60	2023	9.10	Q
	ZOOLOGY	DSE-2B	Immunology	8	6	48	2023		
	PHYSIOLOGY	DSE-3B	Reproductive Physiology	10	6	60	2023		
	BOTANY	SEC-4	Mushroom Cultivation Technology	7	2	14	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>9.05</b>						<b>Letter Grade in CGPA : O</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : SUMAN DAS

Roll No. 200640510025

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	PHYSIOLOGY	CC-1A	Cellular Physiology, Biophysics, Biochemistry of Biomolecules	8	6	48	2020	6.82	Q
	ZOOLOGY	CC-2A	Animal Diversity	7	6	42	2020		
	BOTANY	CC-3A	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	6	6	36	2020		
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2020		
II	PHYSIOLOGY	CC-1B	Digestion and Metabolism	8	6	48	2021	8.00	Q
	ZOOLOGY	CC-2B	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2021		
	BOTANY	CC-3B	Plant Ecology and Taxonomy	8	6	48	2021		
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2021		
III	PHYSIOLOGY	CC-1C	Respiratory and Cardiovascular Physiology	7	6	42	2021	7.10	Q
	ZOOLOGY	CC-2C	Physiology and Biochemistry	7	6	42	2021		
	BOTANY	CC-3C	Plant Anatomy and Embryology	7	6	42	2021		
	BOTANY	SEC-1	Herbal Technology	8	2	16	2021		
IV	PHYSIOLOGY	CC-1D	Endocrinology, Renal Physiology, Skin and Body Temperature Regulation	8	6	48	2022	8.00	Q
	ZOOLOGY	CC-2D	Genetics and Evolutionary Biology	8	6	48	2022		
	BOTANY	CC-3D	Plant Physiology and Metabolism	8	6	48	2022		
	PHYSIOLOGY	SEC-2	Molecular Biology	8	2	16	2022		
V	PHYSIOLOGY	DSE-1A	Muscle and Nerve Physiology	7	6	42	2022	6.70	Q
	ZOOLOGY	DSE-2A	Applied Zoology	6	6	36	2022		
	BOTANY	DSE-3A	Economic Botany and Biotechnology	7	6	42	2022		
	PHYSIOLOGY	SEC-3	Immunology	7	2	14	2022		
VI	PHYSIOLOGY	DSE-1B	Reproductive Physiology	8	6	48	2023	8.30	Q
	ZOOLOGY	DSE-2B	Immunology	7	6	42	2023		
	BOTANY	DSE-3B	Dissertation	10	6	60	2023		
	BOTANY	SEC-4	Mushroom Cultivation Technology	8	2	16	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>7.48</b>						<b>Letter Grade in CGPA : A</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

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 [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				<b>Percentage Conversion Formula:</b> = (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 GENERAL FINAL EXAMINATION 2023 UNDER CBCS**  
**GRADE CARD**

Name : SWETTA BHAGAT

Roll No. 200640510026

Semester No.	Subject	Course Code	Course Title	Grade (G)	Credit Value (V)	Grade Point (G×V)	Credit Retained Year	SGPA on the basis of All Courses	Result Code
I	MATHEMATICS	CC-1A	Differential Calculus	9	6	54	2020	8.82	Q
	PHYSICS	CC-2A	Mechanics	9	6	54	2020		
	CHEMISTRY	CC-3A	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	8	4	32	2020		
II	MATHEMATICS	CC-1B	Differential Equations	8	6	48	2021	8.60	Q
	PHYSICS	CC-2B	Electricity and Magnetism	9	6	54	2021		
	CHEMISTRY	CC-3B	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	9	6	54	2021		
	Communicative English/MIL	AECC-2	Hindi	8	2	16	2021		
III	MATHEMATICS	CC-1C	Real Analysis	8	6	48	2021	8.10	Q
	PHYSICS	CC-2C	Thermal Physics and Statistical Mechanics	8	6	48	2021		
	CHEMISTRY	CC-3C	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2021		
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	9	2	18	2021		
IV	MATHEMATICS	CC-1D	Algebra	9	6	54	2022	8.10	Q
	PHYSICS	CC-2D	Waves and Optics	8	6	48	2022		
	CHEMISTRY	CC-3D	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2022		
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2022		
V	MATHEMATICS	DSE-1A	Matrices	8	6	48	2022	7.10	Q
	PHYSICS	DSE-2A	Elements of Modern Physics	6	6	36	2022		
	CHEMISTRY	DSE-3A	Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry	7	6	42	2022		
	ELECTRONICS	SEC-3	Computational Physics Skills	8	2	16	2022		
VI	MATHEMATICS	DSE-1B	Linear Programming	7	6	42	2023	7.20	Q
	PHYSICS	DSE-2B	Digital, Analog and Instrumentation	7	6	42	2023		
	CHEMISTRY	DSE-3B	Functional Group Organic Chemistry and Industrial Chemistry	7	6	42	2023		
	CHEMISTRY	SEC-4	Polymer Chemistry	9	2	18	2023		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : <b>8.00</b>						<b>Letter Grade in CGPA : A+</b>		<b>Result : Q</b>	

Date of Publication of Result : 18.10.2023

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

Controller of Examinations

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	Grade Point Norms				<b>Percentage Conversion Formula:</b> = (SGPA or CGPA × 10) - 5.0
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	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)	