



THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: CHIRANJIT MUKHERJEE

Honours: ELECTRONICS

Roll No. 170310400037

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	ELECTRONICS	CC-1	Basic Circuit Theory and Network Analysis	8	6	48	2017	8.00	7.36	Q
		CC-2	Mathematics Foundation for Electronics	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ELECTRONICS	CC-3	Semiconductor Devices	10	6	60	2018	8.00	8.20	Q
		CC-4	Applied Physics	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	ELECTRONICS	CC-5	Electronic Circuits	9	6	54	2018	8.67	7.77	Q
		CC-6	Digital Electronics and Verilog/VHDL	8	6	48	2018			
		CC-7	C Programming and Data Structures	9	6	54	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	ELECTRONICS	SEC-1	Design and Fabrication of Printed Circuit Boards	8	2	16	2018			
IV	ELECTRONICS	CC-8	Operational Amplifiers and Applications	8	6	48	2019	8.33	8.46	Q
		CC-9	Signals and Systems	8	6	48	2019			
		CC-10	Electronic Instrumentation	9	6	54	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
ELECTRONICS	SEC-2	Robotics	8	2	16	2019				
V	ELECTRONICS	CC-11	Microprocessors and Microcontrollers	9	6	54	2019	8.00	8.00	Q
		CC-12	Electromagnetics	7	6	42	2019			
	ELECTRONICS	DSE-1	Transmission Lines, Antenna and Wave Propagation	8	6	48	2019			
		DSE-2	Control Systems	8	6	48	2019			
VI	ELECTRONICS	CC-13	Communication Electronics	8	6	48	2020	8.50	8.50	Q
		CC-14	Photonics	8	6	48	2020			
	ELECTRONICS	DSE-3	Numerical Analysis	9	6	54	2020			
		DSE-4	Digital Signal Processing	9	6	54	2020			
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 : 8.06										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: **KOUSHIK GONJHU**Honours: **PHYSICS**Roll No. **170310400051**

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	2017	6.00	6.09	Q
		CC-2	Mechanics	4	6	24	2017			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	4	6	24	2018	5.00	6.00	Q
		CC-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
	Communicative English/MIL	AECC-2	Communicative English	6	2	12	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	6	6	36	2018	5.33	5.23	Q
		CC-6	Thermal Physics	6	6	36	2018			
		CC-7	Digital Systems and Applications	4	6	24	2019			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2019			
IV	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	8	2	16	2018	7.33	7.15	Q
		CC-8	Mathematical Physics-III	6	6	36	2019			
		CC-9	Elements of Modern Physics	8	6	48	2020			
	CC-10	Analog Systems & Applications	8	6	48	2020				
V	PHYSICS	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019	7.00	7.00	Q
		PHYSICS	SEC-2	Electrical Circuits and Network Skills	6	2	12			
	PHYSICS	CC-11	Quantum Mechanics and Applications	7	6	42	2019			
		CC-12	Solid State Physics	6	6	36	2019			
VI	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2019	8.00	8.00	Q
		DSE-2	Classical Dynamics	7	6	42	2019			
	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020			
		CC-14	Statistical Mechanics	8	6	48	2020			
PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020	9	6	54	2020
	DSE-4	Astronomy and Astrophysics	9	6	54	2020				
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.67							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.59										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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.
AECC – Ability Enhancement Compulsory Course					

Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
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Name: NIRMAN SHARMA

Honours: MATHEMATICS

Roll No. 170310400067

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	6	6	36	2017	6.00	6.45	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	7.00	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.00	5.85	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2020			
	MATHEMATICS	DSE-3	Industrial Mathematics	8	6	48	2020			
		DSE-4	Differential Geometry	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

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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 All semesters 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.

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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)

Percentage Conversion Formula:

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THE UNIVERSITY OF BURDWAN
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Name: RUMELA CHAKRABORTY

Honours: CHEMISTRY

Roll No. 170310400087

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	8	6	48	2017	8.00	7.00	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	MATHEMATICS	GE-1	Differential Calculus	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	8	6	48	2019	8.00	7.80	Q
		CC-4	Organic Chemistry-II	8	6	48	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2018	6.33	6.69	Q
		CC-6	Inorganic Chemistry-II	8	6	48	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	6	6	36	2019	6.67	7.38	Q
		CC-9	Inorganic Chemistry-III	8	6	48	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	6.75	6.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	8	6	48	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.61							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.55										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	CGPA Letter Grades				Result Codes:
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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 [CGPA on the basis of CCs and DSEs.<5 or All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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GRADE CARD

Name: ARIJIT SOM

Honours: MATHEMATICS

Roll No. 170311000007

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	4	6	24	2017	4.50	5.18	Q
		CC-2	Algebra	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.70	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.67	5.85	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	7.00	6.62	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	9.75	9.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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GRADE CARD

Name: JAYA NAG

Honours: MATHEMATICS

Roll No. 170311000026

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	5	6	30	2017	5.00	5.18	Q
		CC-2	Algebra	5	6	30	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	6.40	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	5.85	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	5.33	5.46	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019			SNC
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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 Controller of Examinations

Course Types :	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 All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	
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Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SHUVROJIT GHOSH

Honours: MATHEMATICS

Roll No. 170311000064

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	4	6	24	2019	4.00	5.09	Q
		CC-2	Algebra	4	6	24	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.20	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	4.33	4.62	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.00	5.08	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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.
AECC – Ability Enhancement Compulsory Course					

Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ARPITA KARMAKAR

Honours: MATHEMATICS

Roll No. 170311100016

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	4	6	24	2017	4.00	4.64	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	5.00	6.20	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.00	5.46	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.92	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.50	5.50	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.28							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.39										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: **BAPAN MONDAL**Honours: **MATHEMATICS**Roll No. **170311100021**

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	4	6	24	2017	4.00	4.64	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.00	5.20	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.67	5.46	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	4	6	24	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.33	5.46	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: FAIZ AKRAM

Honours: MATHEMATICS

Roll No. 170311100031

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	4	6	24	2017	4.00	4.82	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.67	5.23	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.67	6.08	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA		SNC		
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Differential Geometry	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUPRITI MONDAL

Honours: MATHEMATICS

Roll No. 170311100093

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	4	6	24	2017	4.50	4.91	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	7.00	7.10	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
	COMPUTER SCIENCE	GE-2	Database Management Systems	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.33	5.69	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	6.33	6.62	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.00	6.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.55										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SWARNA GUPTA

Honours: MATHEMATICS

Roll No. 170311200164

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	5	6	30	2018	4.50	5.09	Q
		CC-2	Algebra	4	6	24	2018			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	5.50	6.30	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	6.33	6.77	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.25	5.25	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.56										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ANJU GHOSH

Honours: MATHEMATICS

Roll No. 170311600019

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	6	6	36	2019	5.00	5.91	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	6.00	6.40	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	7.00	6.15	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018			
MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2020	7.00	6.62	Q
		CC-9	Multivariate Calculus	8	6	48	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.89							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.69										

Date of Publication of Result : 29.10.2020

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

Anindya Zoyi Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ANKITA DAS

Honours: MATHEMATICS

Roll No. 170311600020

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	5	6	30	2017	4.50	5.36	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.50	5.50	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.00	5.54	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	5.67	6.46	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.00	5.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.00							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.25										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: NISHAT FARHANA

Honours: MATHEMATICS

Roll No. 170311600095

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	4	6	24	2017	4.50	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.50	6.10	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	5.77	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.69	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.25	6.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.56										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: POULAMI KARMAKAR

Honours: ECONOMICS

Roll No. 170311600104

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	5	6	30	2017	5.00	5.09	Q
		CC-2	Statistics-I	5	6	30	2017			
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ECONOMICS	CC-3	Introductory Macroeconomics	8	6	48	2018	6.50	5.80	Q
		CC-4	Mathematical Economics-I	5	6	30	2018			
	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	ECONOMICS	CC-5	Intermediate Microeconomics	5	6	30	2018	6.00	5.77	Q
		CC-6	Intermediate Macroeconomics	6	6	36	2018			
		CC-7	Mathematical Economics -II	7	6	42	2018			
	STATISTICS	GE-3	Basics of Statistical Inference	5	6	30	2018			
	ECONOMICS	SEC-1	Managerial Economics	6	2	12	2018			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	8	6	48	2020	6.33	6.77	Q
		CC-9	Statistics-II	6	6	36	2019			
		CC-10	Development Economics	5	6	30	2019			
	STATISTICS	GE-4	Applied Statistics	7	6	42	2019			
	ECONOMICS	SEC-2	Basic Computer Applications	10	2	20	2019			
V	ECONOMICS	CC-11	International Economics	5	6	30	2019	6.00	6.00	Q
		CC-12	Money and Banking	6	6	36	2019			
	ECONOMICS	DSE-1	Rural Development	6	6	36	2019			
		DSE-2	Public Economics	7	6	42	2019			
VI	ECONOMICS	CC-13	Basic Econometrics	10	6	60	2020	8.25	8.25	Q
		CC-14	Field Survey & Project Report	7	6	42	2020			
	ECONOMICS	DSE-3	Political Economy	7	6	42	2020			
		DSE-4	Financial Economics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.50							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.31										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUMANA CHAKRABORTY

Honours: ECONOMICS

Roll No. 170311600177

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	5	6	30	2017	5.00	5.27	Q
		CC-2	Statistics-I	5	6	30	2017			
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	ECONOMICS	CC-3	Introductory Macroeconomics	6	6	36	2018	5.50	5.70	Q
		CC-4	Mathematical Economics-I	5	6	30	2019			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2019			
	Communicative English/MIL	AECC-2	Communicative English	9	2	18	2018			
III	ECONOMICS	CC-5	Intermediate Microeconomics	6	6	36	2018	6.67	6.15	Q
		CC-6	Intermediate Macroeconomics	6	6	36	2018			
		CC-7	Mathematical Economics -II	8	6	48	2018			
	STATISTICS	GE-3	Basics of Statistical Inference	5	6	30	2018			
	ECONOMICS	SEC-1	Managerial Economics	5	2	10	2018			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	9	6	54	2020	6.33	6.46	Q
		CC-9	Statistics-II	5	6	30	2019			
		CC-10	Development Economics	5	6	30	2019			
	STATISTICS	GE-4	Applied Statistics	6	6	36	2019			
	ECONOMICS	SEC-2	Basic Computer Applications	9	2	18	2019			
V	ECONOMICS	CC-11	International Economics	4	6	24	2019	5.00	5.00	Q
		CC-12	Money and Banking	5	6	30	2019			
	ECONOMICS	DSE-1	Rural Development	6	6	36	2019			
		DSE-2	Public Economics	5	6	30	2019			
VI	ECONOMICS	CC-13	Basic Econometrics	10	6	60	2020	8.25	8.25	Q
		CC-14	Field Survey & Project Report	8	6	48	2020			
	ECONOMICS	DSE-3	Political Economy	6	6	36	2020			
		DSE-4	Financial Economics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.28							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.17										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: TITAS THAKUR

Honours: MATHEMATICS

Roll No. 170311600200

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	4	6	24	2017	4.00	5.09	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	5.40	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	7.33	6.69	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2020	7.33	7.31	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	7.00	7.00	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
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 : 6.94										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: **BIKRAM HEMBRAM**Honours: **MATHEMATICS**Roll No. **170311700007**

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	6	6	36	2017	6.50	6.00	Q
		CC-2	Algebra	7	6	42	2018			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	4.00	5.40	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	COMPUTER SCIENCE	GE-2	Database Management Systems	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	4.67	4.85	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.00	5.23	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	8.75	8.75	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Project Work	8	6	48	2020			
		DSE-4	Mechanics II	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SWAGATA PAL

Honours: MATHEMATICS

Roll No. 170311700039

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	5	6	30	2017	5.00	5.45	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	7.00	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	6.00	6.08	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	COMPUTER SCIENCE	GE-3	Operating Systems	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.54	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.50	6.50	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.85										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ANKANA KUNDU

Honours: MATHEMATICS

Roll No. 170311800002

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	4	6	24	2017	5.00	5.91	Q
		CC-2	Algebra	6	6	36	2019			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.00	6.90	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.67	6.15	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	COMPUTER SCIENCE	GE-3	Operating Systems	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	6.00	6.85	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	9	6	54	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Bio Mathematics	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RADHAKANTA GHOSH

Honours: MATHEMATICS

Roll No. 170311800032

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	5	6	30	2017	4.50	5.64	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	6.10	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.67	5.62	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.92	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.50	5.50	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Bio Mathematics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.56							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.61										

Date of Publication of Result : 29.10.2020

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

Anindya Zoyi Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SK NIAZUDDIN AHMED

Honours: COMPUTER SCIENCE

Roll No. 170311800043

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	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	5	6	30	2017	5.50	5.18	Q
		CC-2	Computer System Architecture	6	6	36	2017			
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	COMPUTER SCIENCE	CC-3	Programming in Java	7	6	42	2018	6.50	5.90	Q
		CC-4	Discrete Structure	6	6	36	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018			
	Communicative English/MIL	AECC-2	Communicative English	5	2	10	2018			
III	COMPUTER SCIENCE	CC-5	Data Structure	6	6	36	2018	6.67	6.08	Q
		CC-6	Operating Systems	7	6	42	2018			
		CC-7	Computer Networks	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	COMPUTER SCIENCE	SEC-1	Programming in Python	7	2	14	2018			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	5	6	30	2019	5.67	6.38	Q
		CC-9	Software Engineering	6	6	36	2019			
		CC-10	Database Management System	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	8	6	48	2020			
	COMPUTER SCIENCE	SEC-2	PHP Programming	8	2	16	2019			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	8	6	48	2019	7.00	7.00	Q
		CC-12	Theory of Computation	4	6	24	2019			
	COMPUTER SCIENCE	DSE-1	Microprocessors	8	6	48	2019			
		DSE-2	Numerical Methods	8	6	48	2019			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	9	6	54	2020	9.25	9.25	Q
		CC-14	Computer Graphics	10	6	60	2020			
	COMPUTER SCIENCE	DSE-3	Combinatorial Optimization	9	6	54	2020			
		DSE-4	Data Mining	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.00							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.66										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUBHOJIT BARIK

Honours: MATHEMATICS

Roll No. 170311800050

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	5	6	30	2017	4.50	4.91	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	6.20	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Communicative English	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.67	4.85	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.00	6.00	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	SNC		
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Bio Mathematics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: DIPANWITA MAZUMDAR

Honours: MATHEMATICS

Roll No. 170312000015

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	4	6	24	2017	4.50	5.45	Q
		CC-2	Algebra	5	6	30	2018			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	6.00	6.60	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2019	5.00	5.85	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.00	7.23	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NC	6	NC				EXP
		CC-12	Mechanics I	NC	6	NC				
	MATHEMATICS	DSE-1	Linear Programming	NC	6	NC				
		DSE-2	Probability & Statistics	NC	6	NC				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020	7.25	7.25	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2020			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2020			
		DSE-4	Differential Geometry	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: MIR SAHIBA

Honours: MATHEMATICS

Roll No. 170312000027

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	5	6	30	2019	5.00	5.36	Q
		CC-2	Algebra	5	6	30	2018			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	4.50	5.30	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	5.33	5.69	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.33	5.77	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.00	5.00	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020	7.25	7.25	Q
		CC-14	Ring Theory and Linear Algebra II	6	6	36	2020			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.56							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.75										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUMIT KUMAR PAKUI

Honours: MATHEMATICS

Roll No. 170312000084

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	5	6	30	2017	4.50	5.36	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2019	5.50	5.90	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA		5.67	5.54	SNC
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.67	5.54	Q
		CC-9	Multivariate Calculus	6	6	36	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA		5.67	5.54	SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	7	6	42	2020	7.50	7.50	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2020			
	MATHEMATICS	DSE-3	Group Theory II	7	6	42	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: KOYEL KARMAKAR

Honours: ECONOMICS

Roll No. 170312200066

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	4	6	24	2017	5.00	5.55	Q
		CC-2	Statistics-I	6	6	36	2017			
	STATISTICS	GE-1	Statistical Methods	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	ECONOMICS	CC-3	Introductory Macroeconomics	6	6	36	2018	5.00	5.40	Q
		CC-4	Mathematical Economics-I	4	6	24	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ECONOMICS	CC-5	Intermediate Microeconomics	5	6	30	2018	4.67	4.54	Q
		CC-6	Intermediate Macroeconomics	5	6	30	2018			
		CC-7	Mathematical Economics -II	4	6	24	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	ECONOMICS	SEC-1	Managerial Economics	5	2	10	2018			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	7	6	42	2020	7.00	7.08	Q
		CC-9	Statistics-II	7	6	42	2020			
		CC-10	Development Economics	7	6	42	2020			
	STATISTICS	GE-4	Applied Statistics	7	6	42	2020			
	ECONOMICS	SEC-2	Basic Computer Applications	8	2	16	2019			
V	ECONOMICS	CC-11	International Economics	5	6	30	2019	5.00	5.00	Q
		CC-12	Money and Banking	5	6	30	2019			
	ECONOMICS	DSE-1	Rural Development	5	6	30	2019			
		DSE-2	Environmental Economics	5	6	30	2019			
VI	ECONOMICS	CC-13	Basic Econometrics	6	6	36	2020	7.75	7.75	Q
		CC-14	Field Survey & Project Report	9	6	54	2020			
	ECONOMICS	DSE-3	Political Economy	8	6	48	2020			
		DSE-4	Entrepreneurship Development	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.89							Letter Grade in CGPA : B	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.90										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: MILAN PANJA

Honours: MATHEMATICS

Roll No. 170312200070

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	5	6	30	2017	4.50	4.91	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	5.50	6.10	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018			
MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.00	6.92	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
MATHEMATICS	SEC-2	Graph Theory	6	2	12	2020				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RAKESH SARKAR

Honours: PHYSICS

Roll No. 170312200106

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	5	6	30	2017	5.50	6.45	Q
		CC-2	Mechanics	6	6	36	2017			
	MATHEMATICS	GE-1	Differential Calculus	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	7	6	42	2018	7.00	6.60	Q
		CC-4	Waves and Optics	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2018	7.00	6.85	Q
		CC-6	Thermal Physics	6	6	36	2018			
		CC-7	Digital Systems and Applications	7	6	42	2018			
	MATHEMATICS	GE-3	Real Analysis	7	6	42	2018			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	5	2	10	2018				
IV	PHYSICS	CC-8	Mathematical Physics-III	8	6	48	2019	8.00	7.54	Q
		CC-9	Elements of Modern Physics	7	6	42	2019			
		CC-10	Analog Systems & Applications	9	6	54	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	5	2	10	2019				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	8	6	48	2019	7.25	7.25	Q
		CC-12	Solid State Physics	7	6	42	2019			
	PHYSICS	DSE-1	Advanced Mathematical Physics	8	6	48	2019			
		DSE-2	Classical Dynamics	6	6	36	2019			
VI	PHYSICS	CC-13	Electromagnetic Theory	9	6	54	2020	8.50	8.50	Q
		CC-14	Statistical Mechanics	8	6	48	2020			
	PHYSICS	DSE-3	Nuclear and Particle Physics	8	6	48	2020			
		DSE-4	Astronomy and Astrophysics	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.23										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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.
AECC – Ability Enhancement Compulsory Course					

Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SAMPRITI MONDAL

Honours: MATHEMATICS

Roll No. 170312400039

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	7	6	42	2017	6.00	6.27	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	7.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	8	6	48	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.67	4.85	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.33	5.62	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ANJAN MONDAL

Honours: CHEMISTRY

Roll No. 170330100009

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	8	6	48	2017	8.00	7.36	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	7	6	42	2018	6.50	6.60	Q
		CC-4	Organic Chemistry-II	6	6	36	2018			
	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.33	6.92	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	9	2	18	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.67	6.77	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	9	6	54	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	10	2	20	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	7	6	42	2019	6.50	6.50	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.32										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ARNOB SAHU

Honours: CHEMISTRY

Roll No. 170330100016

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	6	6	36	2017	7.00	6.55	Q
		CC-2	Physical Chemistry-I	8	6	48	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.50	6.90	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.00	6.38	Q
		CC-6	Inorganic Chemistry-II	6	6	36	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	8	2	16	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.33	6.23	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	8	6	48	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2019	5.75	5.75	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Green Chemistry	10	6	60	2020			
		DSE-4	Dissertation Followed by Power Point Presentation	10	6	60	2020			
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 : 6.92										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ATIUR RAHAMAN

Honours: MATHEMATICS

Roll No. 170330100019

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	5	6	30	2017	5.00	5.64	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	6.00	6.30	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	7.00	6.77	Q
		CC-6	Group Theory I	9	6	54	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	6.33	7.00	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.75	7.75	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							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 : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ITI MONDAL

Honours: MATHEMATICS

Roll No. 170330100035

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	7	6	42	2017	6.00	6.64	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2019	8.00	7.90	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2019			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	7.00	7.23	Q
		CC-6	Group Theory I	8	6	48	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2019	8.33	7.69	Q
		CC-9	Multivariate Calculus	9	6	54	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			SNC
		CC-12	Mechanics I	NC	6	NC				
	MATHEMATICS	DSE-1	Linear Programming	NC	6	NC				
		DSE-2	Probability & Statistics	NC	6	NC				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: KALYAN ROY

Honours: MATHEMATICS

Roll No. 170330100036

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	5	6	30	2017	5.00	5.91	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	7.00	7.30	Q
		CC-4	Differential Equations and Vector Calculus	8	6	48	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	8.33	8.38	Q
		CC-6	Group Theory I	9	6	54	2018			
		CC-7	Numerical Methods	10	6	60	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	8	6	48	2018			
MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	9	6	54	2020	9.00	9.08	Q
		CC-9	Multivariate Calculus	9	6	54	2020			
		CC-10	Ring Theory and Linear Algebra I	9	6	54	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2020			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	10	6	60	2019	7.75	7.75	Q
		CC-12	Mechanics I	9	6	54	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
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 : 8.14										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: MUSTAFIJUR RAHAMAN

Honours: MATHEMATICS

Roll No. 170330100049

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	4	6	24	2017	4.50	5.64	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.50	6.30	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	6.08	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	6.00	6.77	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	7.00	7.00	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.89							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.99										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: NANDITA MUKHERJEE

Honours: MATHEMATICS

Roll No. 170330100050

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	4	6	24	2017	4.00	5.18	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.50	6.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.33	5.85	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	10	2	20	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.00	8.08	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NC	6	NC				
	MATHEMATICS	DSE-1	Linear Programming	NC	6	NC				
		DSE-2	Probability & Statistics	NC	6	NC				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: PANKAJ KUMAR DAS

Honours: ZOOLOGY

Roll No. 170330100052

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	4	6	24	2017	5.00	5.18	Q
		CC-2	Ecology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2019	4.50	5.70	Q
		CC-4	Cell Biology	4	6	24	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2018	4.67	5.23	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
ZOOLOGY	SEC-1	Sericulture	8	2	16	2018				
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2019	5.00	5.31	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019				
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	5.50	5.50	Q
		CC-12	Genetics	5	6	30	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	6	6	36	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.89							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.99										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RIMPA MONDAL

Honours: MATHEMATICS

Roll No. 170330100062

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	6	6	36	2017	6.50	6.73	Q
		CC-2	Algebra	7	6	42	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2018	7.50	7.60	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2019	5.00	5.31	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	6.00	6.08	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.50	6.50	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.99										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: **SAFIKUL HOSSAIN**Honours: **ZOOLOGY**Roll No. **170330100068**

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	5	6	30	2017	5.50	5.64	Q
		CC-2	Ecology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	4	6	24	2018	4.00	5.10	Q
		CC-4	Cell Biology	4	6	24	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	4	6	24	2018	4.67	5.38	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	ZOOLOGY	SEC-1	Sericulture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.67	5.85	Q
		CC-9	Animal Physiology: Life Sustaining Systems	5	6	30	2019			
		CC-10	Immunology	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019			
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	5.50	5.50	Q
		CC-12	Genetics	5	6	30	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	6	6	36	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.00							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.10										

Date of Publication of Result : 29.10.2020

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

Anindya Zohi Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOHANA YEASMIN

Honours: ZOOLOGY

Roll No. 170330100085

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	4	6	24	2017	5.00	5.18	Q
		CC-2	Ecology	6	6	36	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	4	6	24	2018	4.00	5.10	Q
		CC-4	Cell Biology	4	6	24	2018			
	BOTANY	GE-2	Plant Ecology and Taxonomy	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	5.33	5.46	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
ZOOLOGY	SEC-1	Sericulture	8	2	16	2018				
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2019	5.33	5.69	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
ZOOLOGY	SEC-2	Aquarium Fish Keeping	8	2	16	2019				
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	5.75	5.75	Q
		CC-12	Genetics	6	6	36	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	6	6	36	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.25	9.25	Q
		CC-14	Evolutionary Biology	10	6	60	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.11							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.10										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SRIKANTA DEY

Honours: ZOOLOGY

Roll No. 170330100091

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	4	6	24	2017	4.50	5.09	Q
		CC-2	Ecology	5	6	30	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	ZOOLOGY	CC-3	Non-chordates II	4	6	24	2018	4.00	5.40	Q
		CC-4	Cell Biology	4	6	24	2019			
	BOTANY	GE-2	Plant Ecology and Taxonomy	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2018	5.33	5.62	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	5	6	30	2018			
		CC-7	Fundamentals of Biochemistry	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
ZOOLOGY	SEC-1	Sericulture	7	2	14	2018				
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2019	5.00	5.38	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
ZOOLOGY	SEC-2	Aquarium Fish Keeping	7	2	14	2019				
V	ZOOLOGY	CC-11	Molecular Biology	NC	6	NC				SNC
		CC-12	Genetics	NC	6	NC				
	ZOOLOGY	DSE-1	Animal Biotechnology	NC	6	NC				
		DSE-2	Parasitology	NC	6	NC				
VI	ZOOLOGY	CC-13	Developmental Biology	9	6	54	2020	9.00	9.00	Q
		CC-14	Evolutionary Biology	9	6	54	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	9	6	54	2020			
		DSE-4	Endocrinology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zoyi Pal
Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: KAJAL SAHA

Honours: MATHEMATICS

Roll No. 170330300043

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	6	6	36	2017	5.00	5.45	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	4.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.00	5.38	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SANGRAM SARKAR

Honours: ZOOLOGY

Roll No. 170330300073

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	4	6	24	2017	4.00	5.00	Q
		CC-2	Ecology	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018	4.50	5.50	Q
		CC-4	Cell Biology	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	ZOOLOGY	CC-5	Chordates	6	6	36	2019	4.67	5.38	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	4	6	24	2019			
		CC-7	Fundamentals of Biochemistry	4	6	24	2019			
	BOTANY	GE-3	Plant Anatomy and Embryology	7	6	42	2018			
	ZOOLOGY	SEC-1	Sericulture	7	2	14	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	5	6	30	2019	5.00	5.54	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	6	6	36	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
	ZOOLOGY	SEC-2	Aquarium Fish Keeping	6	2	12	2019			
V	ZOOLOGY	CC-11	Molecular Biology	4	6	24	2019	4.75	4.75	Q
		CC-12	Genetics	4	6	24	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	6	6	36	2019			
		DSE-2	Parasitology	5	6	30	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	7.00	7.00	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Animal Behaviour	6	6	36	2020			
		DSE-4	Endocrinology	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.17							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.54										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: WASIM AKRAM MONDAL

Honours: MATHEMATICS

Roll No. 170330300103

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	6	6	36	2017	5.00	4.82	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	4	4	16	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.00	4.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	5.62	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.67	5.62	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA		SNC		
		CC-12	Mechanics I	NC	6	NC				
	MATHEMATICS	DSE-1	Linear Programming	NC	6	NC				
		DSE-2	Probability & Statistics	NC	6	NC				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SAHANEWAZ SK

Honours: MATHEMATICS

Roll No. 170330400012

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	4	6	24	2018	4.00	4.91	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	9	6	54	2018	8.00	7.50	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018	6.33	6.31	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	7.33	7.23	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	7.00	7.00	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Differential Geometry	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.39							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.17										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **KOUSHIK CHOUDHURY**Honours: **BOTANY**Roll No. **170330700035**

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	5	6	30	2017	7.00	7.18	Q
		CC-2	Archegoniatae	9	6	54	2019			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	6	6	36	2018	6.50	6.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	7	6	42	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	NC	6	NC				SNC
		CC-6	Plant Systematics	NC	6	NC				
		CC-7	Economic Botany	NC	6	NC				
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	NC	6	NC				
BOTANY	SEC-1	Mushroom Culture Technology	8	2	16	2018				
IV	BOTANY	CC-8	Palaeobotany & Palynology	8	6	48	2019	9.33	8.77	Q
		CC-9	Biomolecules and Cell Biology	10	6	60	2020			
		CC-10	Molecular Biology	10	6	60	2020			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
BOTANY	SEC-2	Biofertilizers	6	2	12	2019				
V	BOTANY	CC-11	Plant Physiology	8	6	48	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	7	6	42	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Natural Resource Management	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2020	8.25	8.25	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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.
AECC – Ability Enhancement Compulsory Course					

Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUBHAJIT GARAIN

Honours: MATHEMATICS

Roll No. 170330700077

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	5	6	30	2017	5.00	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	4.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	5.00	4.92	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.00	6.77	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2020			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.00	6.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	8.75	8.75	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.28							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.15										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUBIR CHAKRABORTY

Honours: MATHEMATICS

Roll No. 170330700082

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	5	6	30	2017	4.50	4.64	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	5.00	5.30	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	5.00	4.92	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2019			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.67	6.00	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	7.00	7.00	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	8.75	8.75	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.33							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.13										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUMANA DATTA

Honours: BOTANY

Roll No. 170330700084

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	6	6	36	2017	7.00	6.45	Q
		CC-2	Archegoniatae	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	4	4	16	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018	6.50	6.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	6	6	36	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	8.00	7.54	Q
		CC-6	Plant Systematics	8	6	48	2018			
		CC-7	Economic Botany	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
BOTANY	SEC-1	Mushroom Culture Technology	8	2	16	2018				
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2019	7.00	7.31	Q
		CC-9	Biomolecules and Cell Biology	6	6	36	2019			
		CC-10	Molecular Biology	6	6	36	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	8	6	48	2020			
	BOTANY	SEC-2	Biofertilizers	8	2	16	2019			
V	BOTANY	CC-11	Plant Physiology	6	6	36	2019	6.00	6.00	Q
		CC-12	Plant Metabolism	5	6	30	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	7	6	42	2019			
		DSE-2	Natural Resource Management	6	6	36	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2020	7.75	7.75	Q
		CC-14	Plant Biotechnology	8	6	48	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.06							Letter Grade in CGPA : A	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.97										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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.
AECC – Ability Enhancement Compulsory Course					

Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: TUSHAR SUTRADHAR

Honours: MATHEMATICS

Roll No. 170330700089

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	5	6	30	2017	5.00	4.91	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019	4.50	4.80	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.00	4.85	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2019			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	6.00	5.92	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.75	6.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	8.00	8.00	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2020			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2020			
		DSE-4	Mechanics II	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.17							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.90										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: PREETI KARMAKAR

Honours: BOTANY

Roll No. 170330800065

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	4	6	24	2017	4.50	4.64	Q
		CC-2	Archegoniatae	5	6	30	2017			
	ZOOLOGY	GE-1	Animal Diversity	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.00	5.40	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	5	6	30	2018	5.33	5.54	Q
		CC-6	Plant Systematics	6	6	36	2018			
		CC-7	Economic Botany	5	6	30	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	6	6	36	2018			
BOTANY	SEC-1	Medicinal Botany	6	2	12	2018				
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2020	7.00	7.00	Q
		CC-9	Biomolecules and Cell Biology	7	6	42	2020			
		CC-10	Molecular Biology	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2020			
BOTANY	SEC-2	Plant Diversity & Human Welfare	7	2	14	2019				
V	BOTANY	CC-11	Plant Physiology	6	6	36	2019	6.75	6.75	Q
		CC-12	Plant Metabolism	7	6	42	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	6	6	36	2019			
		DSE-2	Bioinformatics	8	6	48	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.00	8.00	Q
		CC-14	Plant Biotechnology	7	6	42	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	8	6	48	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.27										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: **APU GHOSH**Honours: **MATHEMATICS**Roll No. **170330900001**

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	6	6	36	2017	5.50	5.73	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	5.50	6.00	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.33	5.54	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.08	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	SNC		
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: PRITAM KABIRAJ

Honours: MATHEMATICS

Roll No. 170330900033

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	5	6	30	2017	5.00	6.09	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	6.50	6.70	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	6	6	36	2019			
		CC-7	Numerical Methods	5	6	30	2019			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	6.67	6.69	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SIDDHARTHA SANKAR DHIBAR

Honours: MATHEMATICS

Roll No. 170330900051

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	4	6	24	2019	4.00	5.18	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	4.50	5.00	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.00	5.08	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	6.00	5.92	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA		SNC		
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUPRAKASH DAS

Honours: MATHEMATICS

Roll No. 170330900061

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	4	6	24	2019	4.00	4.64	Q
		CC-2	Algebra	4	6	24	2019			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	6.00	5.50	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2019	5.00	4.85	Q
		CC-6	Group Theory I	4	6	24	2019			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.33	6.54	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	SNC		
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: AMIT KUMAR MONDAL

Honours: MATHEMATICS

Roll No. 170331000007

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	5	6	30	2018	5.50	6.18	Q
		CC-2	Algebra	6	6	36	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.80	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.67	5.62	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	8	6	48	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2019	7.00	6.77	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.67							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.62										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SK. MIRAJUL HAQUE

Honours: MATHEMATICS

Roll No. 170331000109

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	5	6	30	2017	4.50	5.82	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.67	6.08	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.00	6.00	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOHAM SARKAR

Honours: MATHEMATICS

Roll No. 170331000110

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	5	6	30	2017	5.00	5.64	Q
		CC-2	Algebra	5	6	30	2018			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019	4.50	5.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	6.00	6.46	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	6.25	6.25	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ABHIMUNNO MONDAL

Honours: MATHEMATICS

Roll No. 170331300001

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	2017	7.00	7.00	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	8	6	48	2019	7.50	7.80	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2019			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.67	5.46	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	6.67	6.62	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	8	6	48	2019	7.25	7.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	7	6	42	2019			
		DSE-2	Probability & Statistics	8	6	48	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.22							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.23										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUSMITA HALDAR

Honours: MATHEMATICS

Roll No. 170340200017

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	7	6	42	2017	6.00	5.73	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	6.70	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Communicative English	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	SNC		
		CC-6	Group Theory I	NC	6	NC				
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	5.67	6.23	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	4.75	4.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	8.00	8.00	Q
		CC-14	Ring Theory and Linear Algebra II	7	6	42	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SAPTARSI MAZUMDAR

Honours: BOTANY

Roll No. 170340300061

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	5	6	30	2017	5.00	5.18	Q
		CC-2	Archegoniatae	5	6	30	2017			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.00	5.50	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	5	6	30	2018	4.67	4.69	Q
		CC-6	Plant Systematics	4	6	24	2018			
		CC-7	Economic Botany	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
BOTANY	SEC-1	Medicinal Botany	4	2	8	2018				
IV	BOTANY	CC-8	Palaeobotany & Palynology	6	6	36	2020	5.33	5.15	Q
		CC-9	Biomolecules and Cell Biology	5	6	30	2019			
		CC-10	Molecular Biology	5	6	30	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	5	6	30	2019			
	BOTANY	SEC-2	Plant Diversity & Human Welfare	4	2	8	2019			
V	BOTANY	CC-11	Plant Physiology	4	6	24	2019	4.75	4.75	Q
		CC-12	Plant Metabolism	4	6	24	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	5	6	30	2019			
		DSE-2	Natural Resource Management	6	6	36	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	7	6	42	2020	6.75	6.75	Q
		CC-14	Plant Biotechnology	5	6	30	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.33							Letter Grade in CGPA : B	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.32										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SHREYASI MODAK

Honours: BOTANY

Roll No. 170340300067

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	5	6	30	2017	5.00	5.18	Q
		CC-2	Archegoniatae	5	6	30	2017			
	ZOOLOGY	GE-1	Animal Diversity	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	5	6	30	2018	5.00	5.60	Q
		CC-4	Morphology and Anatomy of Angiosperms	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	6	6	36	2018	5.00	5.23	Q
		CC-6	Plant Systematics	4	6	24	2018			
		CC-7	Economic Botany	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	6	6	36	2018			
BOTANY	SEC-1	Medicinal Botany	5	2	10	2018				
IV	BOTANY	CC-8	Palaeobotany & Palynology	7	6	42	2020	5.67	5.62	Q
		CC-9	Biomolecules and Cell Biology	5	6	30	2019			
		CC-10	Molecular Biology	5	6	30	2019			
	ZOOLOGY	GE-4	Genetics and Evolutionary Biology	6	6	36	2019			
	BOTANY	SEC-2	Plant Diversity & Human Welfare	4	2	8	2019			
V	BOTANY	CC-11	Plant Physiology	4	6	24	2019	5.00	5.00	Q
		CC-12	Plant Metabolism	5	6	30	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	5	6	30	2019			
		DSE-2	Natural Resource Management	6	6	36	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	7.50	7.50	Q
		CC-14	Plant Biotechnology	7	6	42	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	7	6	42	2020			
		DSE-4	Horticulture Practices & Post-Harvest Technology	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.67							Letter Grade in CGPA : B	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.69										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SK KOUSHIK

Honours: ZOOLOGY

Roll No. 170340300073

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	5	6	30	2017	5.00	5.18	Q
		CC-2	Ecology	5	6	30	2017			
	BOTANY	GE-1	Biodiversity (Microbes, Algae, Fungi and Archegoniatae)	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ZOOLOGY	CC-3	Non-chordates II	5	6	30	2018	4.50	4.90	Q
		CC-4	Cell Biology	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	ZOOLOGY	CC-5	Chordates	5	6	30	2018	5.00	5.08	Q
		CC-6	Animal Physiology: Controlling and Coordinating Systems	6	6	36	2018			
		CC-7	Fundamentals of Biochemistry	4	6	24	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018			
	ZOOLOGY	SEC-1	Apiculture	9	2	18	2018			
IV	ZOOLOGY	CC-8	Comparative Anatomy of Vertebrates	4	6	24	2019	5.00	5.38	Q
		CC-9	Animal Physiology: Life Sustaining Systems	4	6	24	2019			
		CC-10	Immunology	7	6	42	2020			
	BOTANY	GE-4	Plant Physiology and Metabolism	7	6	42	2019			
ZOOLOGY	SEC-2	Aquarium Fish Keeping	4	2	8	2019				
V	ZOOLOGY	CC-11	Molecular Biology	5	6	30	2019	4.50	4.50	Q
		CC-12	Genetics	4	6	24	2019			
	ZOOLOGY	DSE-1	Animal Biotechnology	5	6	30	2019			
		DSE-2	Parasitology	4	6	24	2019			
VI	ZOOLOGY	CC-13	Developmental Biology	7	6	42	2020	7.75	7.75	Q
		CC-14	Evolutionary Biology	8	6	48	2020			
	ZOOLOGY	DSE-3	Wild life Conservation	9	6	54	2020			
		DSE-4	Endocrinology	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.44							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.48										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters not cleared]
SEC – Skill Enhancement Course	7 to below 8	A (Very Good)	Below 4	F (Fail)	NC denotes “Not Computed” due to absence in C1, C2 and C4 as applicable.
AECC – Ability Enhancement Compulsory Course	6 to below 7	B+ (Good)			

Grade Point Norms:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: BHASKAR MAITY

Honours: MATHEMATICS

Roll No. 17034040029

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	7	6	42	2017	6.50	6.00	Q
		CC-2	Algebra	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	7.00	7.20	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.00	6.62	Q
		CC-6	Group Theory I	7	6	42	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	8.00	8.08	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
	MATHEMATICS	SEC-2	Graph Theory	9	2	18	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	9	6	54	2019	7.75	7.75	Q
		CC-12	Mechanics I	7	6	42	2019			
	MATHEMATICS	DSE-1	Linear Programming	8	6	48	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Project Work	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 7.78							Letter Grade in CGPA : A		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 7.63										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOURAV DEY

Honours: CHEMISTRY

Roll No. 170340400096

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	7	6	42	2017	6.00	5.73	Q
		CC-2	Physical Chemistry-I	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.50	7.00	Q
		CC-4	Organic Chemistry-II	7	6	42	2018			
	MATHEMATICS	GE-2	Differential Equations	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2018	6.00	6.00	Q
		CC-6	Inorganic Chemistry-II	7	6	42	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	4.67	5.62	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	4	6	24	2019			
	MATHEMATICS	GE-4	Algebra	8	6	48	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	7	2	14	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2019	5.25	5.25	Q
		CC-12	Organic Chemistry-V	6	6	36	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	5	6	30	2019			
		DSE-2	Analytical Methods in Chemistry	5	6	30	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	8	6	48	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Dissertation Followed by Power Point Presentation	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.17							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.28										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RANA BISWAS

Honours: PHYSICS

Roll No. 170340500077

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	6	6	36	2017	5.00	5.45	Q
		CC-2	Mechanics	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018	4.50	4.90	Q
		CC-4	Waves and Optics	4	6	24	2018			
	MATHEMATICS	GE-2	Differential Equations	6	6	36	2018			
	Communicative English/MIL	AECC-2	Communicative English	4	2	8	2018			
III	PHYSICS	CC-5	Mathematical Physics-II	8	6	48	2018	6.00	5.77	Q
		CC-6	Thermal Physics	5	6	30	2018			
		CC-7	Digital Systems and Applications	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	5	6	30	2018			
PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018				
IV	PHYSICS	CC-8	Mathematical Physics-III	6	6	36	2019	5.67	5.92	Q
		CC-9	Elements of Modern Physics	5	6	30	2019			
		CC-10	Analog Systems & Applications	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	7	6	42	2020			
PHYSICS	SEC-2	Electrical Circuits and Network Skills	5	2	10	2019				
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019	4.75	4.75	Q
		CC-12	Solid State Physics	5	6	30	2019			
	PHYSICS	DSE-1	Advanced Mathematical Physics	4	6	24	2019			
		DSE-2	Classical Dynamics	5	6	30	2019			
VI	PHYSICS	CC-13	Electromagnetic Theory	7	6	42	2020	7.25	7.25	Q
		CC-14	Statistical Mechanics	8	6	48	2020			
	PHYSICS	DSE-3	Nuclear and Particle Physics	6	6	36	2020			
		DSE-4	Astronomy and Astrophysics	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.67							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.70										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: KONIKA MONDAL

Honours: MATHEMATICS

Roll No. 17034060029

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	4	6	24	2017	4.00	4.91	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	5.80	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.67	5.31	Q
		CC-6	Group Theory I	5	6	30	2019			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	6.67	6.62	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	5.50	5.50	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.22							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.30										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: MAITREYEE KUNDU

Honours: ECONOMICS

Roll No. 170340900063

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	4	6	24	2018	4.00	4.45	Q
		CC-2	Statistics-I	4	6	24	2017			
	COMPUTER SCIENCE	GE-1	Problem Solving using Computer	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
II	ECONOMICS	CC-3	Introductory Macroeconomics	4	6	24	2019	4.00	4.50	Q
		CC-4	Mathematical Economics-I	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	4	6	24	2019			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ECONOMICS	CC-5	Intermediate Microeconomics	4	6	24	2018	5.33	5.54	Q
		CC-6	Intermediate Macroeconomics	5	6	30	2018			
		CC-7	Mathematical Economics -II	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	ECONOMICS	SEC-1	Managerial Economics	6	2	12	2018			
IV	ECONOMICS	CC-8	Selected Features of Indian Economy	7	6	42	2020	6.33	7.15	Q
		CC-9	Statistics-II	5	6	30	2019			
		CC-10	Development Economics	7	6	42	2019			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	9	6	54	2019			
	ECONOMICS	SEC-2	Basic Computer Applications	9	2	18	2019			
V	ECONOMICS	CC-11	International Economics	5	6	30	2019	7.00	7.00	Q
		CC-12	Money and Banking	7	6	42	2019			
	ECONOMICS	DSE-1	Rural Development	7	6	42	2019			
		DSE-2	Public Economics	9	6	54	2019			
VI	ECONOMICS	CC-13	Basic Econometrics	8	6	48	2020	8.50	8.50	Q
		CC-14	Field Survey & Project Report	10	6	60	2020			
	ECONOMICS	DSE-3	Political Economy	8	6	48	2020			
		DSE-4	Entrepreneurship Development	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.28							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.27										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SANDIP DEY

Honours: MATHEMATICS

Roll No. 170340900121

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	7	6	42	2017	6.00	6.27	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	4.50	5.30	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	4	6	24	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.00	5.54	Q
		CC-9	Multivariate Calculus	6	6	36	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NC	6	NC				SNC
		CC-12	Mechanics I	NC	6	NC				
	MATHEMATICS	DSE-1	Point Set Topology	NC	6	NC				
		DSE-2	Probability & Statistics	NC	6	NC				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Project Work	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOHINI BHOWMIK

Honours: MATHEMATICS

Roll No. 170340900150

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	4	6	24	2019	4.00	5.91	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	9	6	54	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.50	6.40	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2019	6.00	6.15	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.67	6.08	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NC	6	NC				SNC
		CC-12	Mechanics I	NC	6	NC				
	MATHEMATICS	DSE-1	Point Set Topology	NC	6	NC				
		DSE-2	Probability & Statistics	NC	6	NC				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: TIYASHA BERA

Honours: ENVIRONMENTAL SCIENCE

Roll No. 170340900208

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	ENVIRONMENTAL SCIENCE	CC-1	Fundamentals of Environment	6	6	36	2017	7.00	6.55	Q
		CC-2	Environmental Biology	8	6	48	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
		AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	ENVIRONMENTAL SCIENCE	CC-3	Environmental Chemistry	7	6	42	2018	7.00	7.20	Q
		CC-4	Environmental Physics	7	6	42	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	ENVIRONMENTAL SCIENCE	CC-5	Earth Science	8	6	48	2018	6.67	6.77	Q
		CC-6	Environmental Resources	7	6	42	2018			
		CC-7	Green Chemistry & Environmental Applications	5	6	30	2018			
	ZOOLOGY	GE-3	Physiology and Biochemistry	7	6	42	2018			
	ENVIRONMENTAL SCIENCE	SEC-1	Remote Sensing & Geographical Information System (GIS)	7	2	14	2018			
IV	ENVIRONMENTAL SCIENCE	CC-8	Ecotoxicology & Environmental Biotechnology	4	6	24	2019	4.67	5.46	Q
		CC-9	Environmental Laws, Policies & Environmental Impact Assessment	5	6	30	2019			
		CC-10	Natural Hazards & Management & Waste Management	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	8	6	48	2020			
		ENVIRONMENTAL SCIENCE	SEC-2	Conservation & Ecotourism	5	2	10			
V	ENVIRONMENTAL SCIENCE	CC-11	Environmental Pollution	8	6	48	2019	6.75	6.75	Q
		CC-12	Environmental Engineering & Statistics	5	6	30	2019			
	ENVIRONMENTAL SCIENCE	DSE-1	Environmental Pollution & Monitoring Techniques	7	6	42	2019			
		DSE-2	Environmental Health & Stress Physiology	7	6	42	2019			
VI	ENVIRONMENTAL SCIENCE	CC-13	Environmental Economics & Management	7	6	42	2020	8.25	8.25	Q
		CC-14	Wildlife Management & Conservation	9	6	54	2020			
	ENVIRONMENTAL SCIENCE	DSE-3	Atmosphere & Global Climate Change	8	6	48	2020			
		DSE-4	Solid Waste Management	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.78							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.80										

Date of Publication of Result : 29.10.2020

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

Anindya Zoyi Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: PALLABI SADHUKHAN

Honours: BOTANY

Roll No. 170341000043

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	6	6	36	2017	6.50	7.45	Q
		CC-2	Archegoniatae	7	6	42	2017			
	ZOOLOGY	GE-1	Animal Diversity	9	6	54	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	BOTANY	CC-3	Mycology and Phytopathology	7	6	42	2018	7.50	7.80	Q
		CC-4	Morphology and Anatomy of Angiosperms	8	6	48	2018			
	ZOOLOGY	GE-2	Comparative Anatomy & Developmental Biology of Vertebrates	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	BOTANY	CC-5	Plant Ecology and Phytogeography	8	6	48	2018	7.67	7.46	Q
		CC-6	Plant Systematics	7	6	42	2018			
		CC-7	Economic Botany	8	6	48	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
BOTANY	SEC-1	Agricultural Botany	7	2	14	2018				
IV	BOTANY	CC-8	Palaeobotany & Palynology	9	6	54	2020	8.33	8.38	Q
		CC-9	Biomolecules and Cell Biology	8	6	48	2019			
		CC-10	Molecular Biology	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	9	6	54	2019			
BOTANY	SEC-2	Herbal Technology	7	2	14	2019				
V	BOTANY	CC-11	Plant Physiology	7	6	42	2019	7.75	7.75	Q
		CC-12	Plant Metabolism	9	6	54	2019			
	BOTANY	DSE-1	Reproductive Biology of Angiosperms	8	6	48	2019			
		DSE-2	Bioinformatics	7	6	42	2019			
VI	BOTANY	CC-13	Genetics & Plant Breeding	8	6	48	2020	8.50	8.50	Q
		CC-14	Plant Biotechnology	9	6	54	2020			
	BOTANY	DSE-3	Plant Evolution & Biodiversity	9	6	54	2020			
		DSE-4	Industrial and Environmental Microbiology	8	6	48	2020			
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 : 7.90										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PUJA SAMANTA

Honours: MATHEMATICS

Roll No. 170341000055

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	6	6	36	2017	5.50	6.45	Q
		CC-2	Algebra	5	6	30	2017			
	STATISTICS	GE-1	Statistical Methods	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	5.00	5.70	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	STATISTICS	GE-2	Introductory Probability	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.33	4.31	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	4	6	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	5.67	5.77	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	5.75	5.75	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	6	6	36	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.11							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.14										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: **DIBYAKANTI DATTA**Honours: **MATHEMATICS**Roll No. **170341100016**

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	4	6	24	2017	4.00	5.09	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	6.00	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.00	5.54	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	COMPUTER SCIENCE	GE-3	Operating Systems	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2020	4.67	5.23	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Project Work	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUBHAJIT GON

Honours: MATHEMATICS

Roll No. 170341100056

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	4	6	24	2017	4.00	4.91	Q
		CC-2	Algebra	4	6	24	2018			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2019	4.00	5.20	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.67	4.69	Q
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	4.67	4.69	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2020			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	9.50	9.50	Q
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ANKANA BUDUK

Honours: MATHEMATICS

Roll No. 170341200005

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	4	6	24	2017	5.00	5.45	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.00	6.60	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	8	6	48	2019	6.67	7.00	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	8	6	48	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	6	6	36	2019	6.33	6.54	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	6.25	6.25	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	9	6	54	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.94							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.96										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: MRINAL KANTI CHOWDHURY

Honours: MATHEMATICS

Roll No. 170341200017

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	5	6	30	2017	5.50	6.00	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	7	6	42	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.00	5.90	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.33	5.15	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.33	5.85	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
MATHEMATICS	SEC-2	Graph Theory	10	2	20	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.75	5.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	9.75	9.75	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.33							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.39										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SK MOSTAKIM

Honours: MATHEMATICS

Roll No. 170341200032

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	4	6	24	2017	4.50	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	6	6	36	2018	5.00	5.50	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2019	6.00	6.23	Q
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	4.75	4.75	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
MATHEMATICS	SEC-2	Graph Theory	9	2	18	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	9.50	9.50	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: SUCHISMITA PAL

Honours: MATHEMATICS

Roll No. 170341200038

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	4	6	24	2017	5.00	5.64	Q
		CC-2	Algebra	6	6	36	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	5.40	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA				SNC
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	7.00	6.62	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	8	2	16	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	NA	6	NA				SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUMAN SADHUKHAN

Honours: MATHEMATICS

Roll No. 170341300078

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	7	6	42	2017	6.00	5.45	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	5.90	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	4.67	5.31	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	9	2	18	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	5	6	30	2019	6.33	6.46	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	4	6	24	2019	SNC		
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.50	9.50	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: TUHIN DAS

Honours: MATHEMATICS

Roll No. 170341300085

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	6	6	36	2017	5.00	5.18	Q
		CC-2	Algebra	4	6	24	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.00	5.20	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	7	6	42	2018			SNC
		CC-6	Group Theory I	NA	6	NA				
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	4	6	24	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	6.33	6.54	Q
		CC-9	Multivariate Calculus	7	6	42	2020			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	7	2	14	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019			SNC
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Mechanics II	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: ARNAB NYAYA

Honours: MATHEMATICS

Roll No. 170341400008

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	4	6	24	2018	4.00	4.64	Q
		CC-2	Algebra	4	6	24	2018			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019	6.00	5.80	Q
		CC-4	Differential Equations and Vector Calculus	7	6	42	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.33	4.92	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	4	6	24	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	7	2	14	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	7.67	6.77	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	4	2	8	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	SNC		
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	4	6	24	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	8.75	8.75	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: MONORANJAN MAJHI

Honours: MATHEMATICS

Roll No. 170341400019

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	5	6	30	2018	5.00	4.73	Q
		CC-2	Algebra	5	6	30	2019			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.50	4.80	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.33	5.31	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	6.00	5.46	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	4	6	24	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	8.25	8.25	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Project Work	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 5.94							Letter Grade in CGPA : B		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.66										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

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THE UNIVERSITY OF BURDWAN
B.Sc. 3-YEAR DEGREE HONOURS FINAL EXAMINATION 2020 UNDER CBCS
GRADE CARD

Name: PALASH SINGH

Honours: MATHEMATICS

Roll No. 17034140022

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	5	6	30	2019	5.00	5.64	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	6	6	36	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.00	6.40	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	COMPUTER SCIENCE	GE-2	Database Management Systems	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	10	2	20	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.33	5.69	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	5.33	5.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	5	6	30	2019	5.33	5.54	Q
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	8	6	48	2020	8.50	8.50	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RAHUL HANSDA

Honours: COMPUTER SCIENCE

Roll No. 170341400029

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	COMPUTER SCIENCE	CC-1	Programming Fundamentals using C/C++	4	6	24	2017	5.00	5.18	Q
		CC-2	Computer System Architecture	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2019			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	COMPUTER SCIENCE	CC-3	Programming in Java	4	6	24	2018	4.00	4.50	Q
		CC-4	Discrete Structure	4	6	24	2018			
	MATHEMATICS	GE-2	Differential Equations	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	COMPUTER SCIENCE	CC-5	Data Structure	5	6	30	2018	4.67	5.00	Q
		CC-6	Operating Systems	5	6	30	2018			
		CC-7	Computer Networks	4	6	24	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	COMPUTER SCIENCE	SEC-1	Programming in Python	5	2	10	2018			
IV	COMPUTER SCIENCE	CC-8	Design and Analysis of Algorithms	5	6	30	2019	5.67	6.31	Q
		CC-9	Software Engineering	6	6	36	2019			
		CC-10	Database Management System	6	6	36	2019			
	MATHEMATICS	GE-4	Algebra	7	6	42	2020			
	COMPUTER SCIENCE	SEC-2	UNIX / Linux Programming	10	2	20	2019			
V	COMPUTER SCIENCE	CC-11	Internet Technologies	7	6	42	2019	6.25	6.25	Q
		CC-12	Theory of Computation	5	6	30	2019			
	COMPUTER SCIENCE	DSE-1	Microprocessors	6	6	36	2019			
		DSE-2	System Programming	7	6	42	2019			
VI	COMPUTER SCIENCE	CC-13	Artificial Intelligence	10	6	60	2020	10.00	10.00	Q
		CC-14	Computer Graphics	10	6	60	2020			
	COMPUTER SCIENCE	DSE-3	Soft Computing	10	6	60	2020			
		DSE-4	Data Mining	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.33							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.25										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RAJKUMAR MONDAL

Honours: MATHEMATICS

Roll No. 170341400030

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	6	6	36	2019	5.50	5.18	Q
		CC-2	Algebra	5	6	30	2019			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2019	4.50	5.20	Q
		CC-4	Differential Equations and Vector Calculus	4	6	24	2019			
	COMPUTER SCIENCE	GE-2	Database Management Systems	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	7	2	14	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	5.33	5.23	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	5	6	30	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.38	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	8	6	48	2020			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	6.25	6.25	Q
		CC-12	Mechanics I	5	6	30	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	7	6	42	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	8.50	8.50	Q
		CC-14	Ring Theory and Linear Algebra II	8	6	48	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Project Work	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.39							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.15										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RIMPA MIDDYA

Honours: MATHEMATICS

Roll No. 170341400031

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	6	6	36	2019	5.00	4.91	Q
		CC-2	Algebra	4	6	24	2018			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2019	6.00	6.90	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	COMPUTER SCIENCE	GE-2	Database Management Systems	8	6	48	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	4.67	5.00	Q
		CC-6	Group Theory I	5	6	30	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	5	2	10	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.69	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			SNC
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	NA	6	NA				
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.25	9.25	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOUMYAJYOTI MANDAL

Honours: MATHEMATICS

Roll No. 170341400042

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	6	6	36	2018	5.50	5.27	Q
		CC-2	Algebra	5	6	30	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.50	6.00	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	COMPUTER SCIENCE	GE-2	Database Management Systems	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2019	4.67	4.92	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.00	5.46	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	COMPUTER SCIENCE	GE-4	Computer System Architecture	7	6	42	2019			
MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019			SNC
		CC-12	Mechanics I	NA	6	NA				
	MATHEMATICS	DSE-1	Linear Programming	5	6	30	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	8.50	8.50	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	9	6	54	2020			
		DSE-4	Project Work	7	6	42	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOURAV CHOWDHURY

Honours: CHEMISTRY

Roll No. 170341400043

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	6	6	36	2017	6.00	5.73	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.00	6.00	Q
		CC-4	Organic Chemistry-II	6	6	36	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2018	5.33	5.54	Q
		CC-6	Inorganic Chemistry-II	6	6	36	2018			
		CC-7	Organic Chemistry-III	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	6	2	12	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.33	6.00	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	5	6	30	2019			
	MATHEMATICS	GE-4	Algebra	8	6	48	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	6	6	36	2019	6.00	6.00	Q
		CC-12	Organic Chemistry-V	5	6	30	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	6	6	36	2019			
		DSE-2	Analytical Methods in Chemistry	7	6	42	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	8	6	48	2020	8.50	8.50	Q
		CC-14	Physical Chemistry-IV	9	6	54	2020			
	CHEMISTRY	DSE-3	Polymer Chemistry	8	6	48	2020			
		DSE-4	Inorganic Materials of Industrial Importance	9	6	54	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.33							Letter Grade in CGPA : B+	Result : Q		
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.30										

Date of Publication of Result : 29.10.2020

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

Anindya Jyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SUMANTA PAL

Honours: MATHEMATICS

Roll No. 170341400050

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	4	6	24	2018	4.50	4.45	Q
		CC-2	Algebra	5	6	30	2019			
	PHYSICS	GE-1	Mechanics	4	6	24	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	5	4	20	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	5.00	5.10	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	CHEMISTRY	GE-2	States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements	4	6	24	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	NA	6	NA		5.00	5.23	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	5	6	30	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.00	5.23	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	7	6	42	2020			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
MATHEMATICS	SEC-2	Graph Theory	5	2	10	2019				
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	4.75	4.75	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	4	6	24	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	9	6	54	2020	9.00	9.00	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: TAHSIN TAREKA

Honours: MATHEMATICS

Roll No. 170341600061

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	5	6	30	2017	5.00	5.18	Q
		CC-2	Algebra	5	6	30	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2017			
II	MATHEMATICS	CC-3	Real Analysis	4	6	24	2018	4.50	5.40	Q
		CC-4	Differential Equations and Vector Calculus	5	6	30	2018			
	PHYSICS	GE-2	Electricity and Magnetism	6	6	36	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	4	6	24	2018	5.33	5.69	Q
		CC-6	Group Theory I	6	6	36	2018			
		CC-7	Numerical Methods	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	6	6	36	2018			
	MATHEMATICS	SEC-1	Logic and Sets	8	2	16	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	8	6	48	2020	6.67	6.46	Q
		CC-9	Multivariate Calculus	8	6	48	2020			
		CC-10	Ring Theory and Linear Algebra I	4	6	24	2019			
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry	6	6	36	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.25	5.25	Q
		CC-12	Mechanics I	4	6	24	2019			
	MATHEMATICS	DSE-1	Linear Programming	6	6	36	2019			
		DSE-2	Probability & Statistics	5	6	30	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	10	6	60	2020	10.00	10.00	Q
		CC-14	Ring Theory and Linear Algebra II	10	6	60	2020			
	MATHEMATICS	DSE-3	Group Theory II	10	6	60	2020			
		DSE-4	Project Work	10	6	60	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.44							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.37										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: RITTICK GHOSH

Honours: CHEMISTRY

Roll No. 170342000056

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	6	6	36	2017	6.00	6.09	Q
		CC-2	Physical Chemistry-I	6	6	36	2017			
	PHYSICS	GE-1	Mechanics	5	6	30	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.00	5.90	Q
		CC-4	Organic Chemistry-II	6	6	36	2018			
	MATHEMATICS	GE-2	Differential Equations	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	5	6	30	2018	5.33	5.69	Q
		CC-6	Inorganic Chemistry-II	5	6	30	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	PHYSICS	GE-3	Thermal Physics and Statistical Mechanics	7	6	42	2018			
	CHEMISTRY	SEC-1	Basic Analytical Chemistry	5	2	10	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.33	5.54	Q
		CC-9	Inorganic Chemistry-III	6	6	36	2019			
		CC-10	Organic Chemistry - IV	5	6	30	2019			
	MATHEMATICS	GE-4	Algebra	6	6	36	2020			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	6	2	12	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	5	6	30	2019	6.25	6.25	Q
		CC-12	Organic Chemistry-V	7	6	42	2019			
	CHEMISTRY	DSE-1	Advanced Physical Chemistry	7	6	42	2019			
		DSE-2	Analytical Methods in Chemistry	6	6	36	2019			
VI	CHEMISTRY	CC-13	Inorganic Chemistry-V	9	6	54	2020	8.25	8.25	Q
		CC-14	Physical Chemistry-IV	7	6	42	2020			
	CHEMISTRY	DSE-3	Green Chemistry	9	6	54	2020			
		DSE-4	Dissertation Followed by Power Point Presentation	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.33							Letter Grade in CGPA : B+		Result : Q	
CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.28										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters 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:

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)

Percentage Conversion Formula:

$$= (SGPA \text{ or } CGPA \times 10) - 5.0$$

*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 2020 UNDER CBCS
GRADE CARD

Name: SOUVIK ROY

Honours: MATHEMATICS

Roll No. 170342000079

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	4	6	24	2017	4.00	5.82	Q
		CC-2	Algebra	4	6	24	2017			
	CHEMISTRY	GE-1	Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons	8	6	48	2017			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	8	4	32	2017			
II	MATHEMATICS	CC-3	Real Analysis	5	6	30	2018	5.50	6.30	Q
		CC-4	Differential Equations and Vector Calculus	6	6	36	2018			
	PHYSICS	GE-2	Electricity and Magnetism	7	6	42	2018			
	Communicative English/MIL	AECC-2	Bengali	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	6	6	36	2018	5.67	5.85	Q
		CC-6	Group Theory I	4	6	24	2018			
		CC-7	Numerical Methods	7	6	42	2018			
	CHEMISTRY	GE-3	Chemical Energetic, Equilibria, Organic Chemistry	7	6	42	2018			
MATHEMATICS	SEC-1	Logic and Sets	4	2	8	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.67	5.54	Q
		CC-9	Multivariate Calculus	4	6	24	2019			
		CC-10	Ring Theory and Linear Algebra I	6	6	36	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	7	6	42	2019	7.75	7.75	Q
		CC-12	Mechanics I	6	6	36	2019			
	MATHEMATICS	DSE-1	Linear Programming	NA	6	NA				
		DSE-2	Probability & Statistics	6	6	36	2019			
VI	MATHEMATICS	CC-13	Metric Spaces and Complex Analysis	6	6	36	2020	7.75	7.75	Q
		CC-14	Ring Theory and Linear Algebra II	9	6	54	2020			
	MATHEMATICS	DSE-3	Group Theory II	8	6	48	2020			
		DSE-4	Project Work	8	6	48	2020			
CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs :							Letter Grade in CGPA :		Result : PNC	
CGPA (Cumulative Grade Point Average) on the basis of All Courses :										

Date of Publication of Result : 29.10.2020

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

Anindya Zyoti Pal
 Controller of Examinations

Course Types :	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 All semesters not cleared]
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