



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

Name: ANKITA GOSWAMI

Honours: CHEMISTRY

Roll No. 170313700001

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	5.50	5.36	Q
		CC-2	Physical Chemistry-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	CHEMISTRY	CC-3	Inorganic Chemistry-I	6	6	36	2018	6.00	6.60	Q
		CC-4	Organic Chemistry-II	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	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.00	5.62	Q
		CC-6	Inorganic Chemistry-II	6	6	36	2018			
		CC-7	Organic Chemistry-III	6	6	36	2018			
	MATHEMATICS	GE-3	Real Analysis	5	6	30	2018			
	CHEMISTRY	SEC-1	IT Skill in Chemistry	4	2	8	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	5	6	30	2019	5.00	5.31	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	5	6	30	2019			
	PHYSICS	GE-4	Waves and Optics	5	6	30	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019	7.25	7.25	Q
		CC-12	Organic Chemistry-V	7	6	42	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	10	6	60	2020	10.00	10.00	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Polymer Chemistry	10	6	60	2020			
		DSE-4	Inorganic Materials of Industrial Importance	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 : 6.68										

Date of Publication of Result : 29.10.2020

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

Anindya Zoti 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 of 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: HIMANISH NATH

Honours: MATHEMATICS

Roll No. 170313700002

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	5.64	Q
		CC-2	Algebra	5	6	30	2019			
	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	5.70	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	5	6	30	2018	7.00	6.46	Q
		CC-6	Group Theory I	8	6	48	2020			
		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	6	2	12	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	4.67	5.38	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		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	7	2	14	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	7	6	42	2019			
		DSE-2	Probability & Statistics	4	6	24	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	Mechanics II	8	6	48	2020			
			CGPA (Cumulative Grade Point Average) on the basis of CCs & DSEs : 6.17							
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 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)	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: **INDRAJIT MAJILA**Honours: **MATHEMATICS**Roll No. **170313700003**

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	6.00	Q
		CC-2	Algebra	6	6	36	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	8	6	48	2018	7.00	6.60	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	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	6	6	36	2018	5.67	5.38	Q
		CC-6	Group Theory I	5	6	30	2019			
		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	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	7	6	42	2019			
		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	7	6	42	2019	6.00	6.00	Q
		CC-12	Mechanics I	7	6	42	2020			
	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	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	Mechanics II	7	6	42	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 : 6.32										

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 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)	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:

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

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

Name: MANAS PRAMANICK

Honours: MATHEMATICS

Roll No. 170313700005

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	6.50	5.91	Q	
		CC-2	Algebra	5	6	30	2017				
	PHYSICS	GE-1	Mechanics	4	6	24	2017				
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
II	MATHEMATICS	CC-3	Real Analysis	7	6	42	2018	6.50	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	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	5	6	30	2018	5.00	4.92	Q	
		CC-6	Group Theory I	4	6	24	2019				
		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	7	2	14	2018				
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	4.67	5.31	Q	
		CC-9	Multivariate Calculus	5	6	30	2019				
		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	7	6	42	2019	5.75	5.75	Q	
		CC-12	Mechanics I	6	6	36	2020				
	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	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	Mechanics II	7	6	42	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 : 6.03											

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
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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)	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:

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

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

Name: SAGAR KUMAR KOLEY

Honours: PHYSICS

Roll No. 170313700007

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	6.00	5.64	Q	
		CC-2	Mechanics	6	6	36	2017				
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2017				
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
II	PHYSICS	CC-3	Electricity and Magnetism	5	6	30	2018	5.00	5.70	Q	
		CC-4	Waves and Optics	5	6	30	2019				
	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
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2018	5.33	5.08	Q	
		CC-6	Thermal Physics	4	6	24	2018				
		CC-7	Digital Systems and Applications	7	6	42	2018				
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018				
	PHYSICS	SEC-1	Renewable Energy and Energy Harvesting	6	2	12	2018				
IV	PHYSICS	CC-8	Mathematical Physics-III	5	6	30	2019	5.33	5.85	Q	
		CC-9	Elements of Modern Physics	5	6	30	2019				
		CC-10	Analog Systems & Applications	6	6	36	2019				
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry		7	6	42				2019
			PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2				14
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019	6.00	6.00	Q	
		CC-12	Solid State Physics	5	6	30	2019				
	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019				
		DSE-2	Classical Dynamics	8	6	48	2020				
VI	PHYSICS	CC-13	Electromagnetic Theory	8	6	48	2020	8.00	8.00	Q	
		CC-14	Statistical Mechanics	8	6	48	2020				
	PHYSICS	DSE-3	Nuclear and Particle Physics	7	6	42	2020				
		DSE-4	Applied Dynamics	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 : 6.04											

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:

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

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

Name: SANTU DUTTA

Honours: MATHEMATICS

Roll No. 170313700008

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	5	6	30	2018	4.50	5.10	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	9	2	18	2018			
III	MATHEMATICS	CC-5	Theory of Real Functions & Introduction to Metric Spaces	5	6	30	2018	6.33	5.77	Q
		CC-6	Group Theory I	8	6	48	2020			
		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	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	4	6	24	2019	5.33	5.77	Q
		CC-9	Multivariate Calculus	5	6	30	2019			
		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	2019			
	MATHEMATICS	SEC-2	Graph Theory	6	2	12	2019			
V	MATHEMATICS	CC-11	Partial Differential Equations and Applications	6	6	36	2019	5.50	5.50	Q
		CC-12	Mechanics I	7	6	42	2020			
	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	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	9	6	54	2020			
		DSE-4	Mechanics II	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 : 6.00										

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)	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: **SOMNATH DUTTA**Honours: **MATHEMATICS**Roll No. **170313700009**

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	5.09	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	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	6	6	36	2018	6.67	6.00	Q
		CC-6	Group Theory I	8	6	48	2020			
		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	2018			
IV	MATHEMATICS	CC-8	Riemann Integration and Series of Functions	7	6	42	2020	5.67	6.08	Q
		CC-9	Multivariate Calculus	6	6	36	2019			
		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	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	7	6	42	2020			
	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	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	9	6	54	2020			
		DSE-4	Mechanics II	9	6	54	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 : 6.28										

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 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)	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: SOUVIK BANERJEE

Honours: CHEMISTRY

Roll No. 170313700010

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	5	6	30	2018	4.50	4.64	Q
		CC-2	Physical Chemistry-I	4	6	24	2018			
	MATHEMATICS	GE-1	Differential Calculus	4	6	24	2018			
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	6	4	24	2018			
II	CHEMISTRY	CC-3	Inorganic Chemistry-I	5	6	30	2018	4.50	5.00	Q
		CC-4	Organic Chemistry-II	4	6	24	2018			
	PHYSICS	GE-2	Electricity and Magnetism	5	6	30	2018			
	Communicative English/MIL	AECC-2	Bengali	8	2	16	2018			
III	CHEMISTRY	CC-5	Physical Chemistry-II	6	6	36	2018	6.00	5.38	Q
		CC-6	Inorganic Chemistry-II	5	6	30	2018			
		CC-7	Organic Chemistry-III	7	6	42	2018			
	MATHEMATICS	GE-3	Real Analysis	4	6	24	2018			
	CHEMISTRY	SEC-1	IT Skill in Chemistry	4	2	8	2018			
IV	CHEMISTRY	CC-8	Physical Chemistry-III	4	6	24	2019	4.33	5.08	Q
		CC-9	Inorganic Chemistry-III	5	6	30	2019			
		CC-10	Organic Chemistry - IV	4	6	24	2019			
	PHYSICS	GE-4	Waves and Optics	6	6	36	2019			
	CHEMISTRY	SEC-2	Pharmaceutical Chemistry	9	2	18	2019			
V	CHEMISTRY	CC-11	Inorganic Chemistry-IV	8	6	48	2019	7.25	7.25	Q
		CC-12	Organic Chemistry-V	7	6	42	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	10	6	60	2020	9.75	9.75	Q
		CC-14	Physical Chemistry-IV	10	6	60	2020			
	CHEMISTRY	DSE-3	Polymer Chemistry	9	6	54	2020			
		DSE-4	Inorganic Materials of Industrial Importance	10	6	60	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 : 6.21										

Date of Publication of Result : 29.10.2020

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

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

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 of 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: SURAJ CHATTERJEE

Honours: PHYSICS

Roll No. 170313700013

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	7	6	42	2017	6.50	6.45	Q	
		CC-2	Mechanics	6	6	36	2017				
	MATHEMATICS	GE-1	Differential Calculus	6	6	36	2017				
	ENVIRONMENTAL STUDIES	AECC-1	Fundamentals of Environmental Studies	7	4	28	2017				
II	PHYSICS	CC-3	Electricity and Magnetism	6	6	36	2019	5.50	5.70	Q	
		CC-4	Waves and Optics	5	6	30	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	9	2				18
III	PHYSICS	CC-5	Mathematical Physics-II	5	6	30	2018	4.67	4.62	Q	
		CC-6	Thermal Physics	4	6	24	2018				
		CC-7	Digital Systems and Applications	5	6	30	2018				
	MATHEMATICS	GE-3	Real Analysis	4	6	24	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	6.08	Q	
		CC-9	Elements of Modern Physics	5	6	30	2019				
		CC-10	Analog Systems & Applications	6	6	36	2019				
	CHEMISTRY	GE-4	Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry		7	6	42				2019
			PHYSICS	SEC-2	Electrical Circuits and Network Skills	7	2				14
V	PHYSICS	CC-11	Quantum Mechanics and Applications	5	6	30	2019	6.50	6.50	Q	
		CC-12	Solid State Physics	6	6	36	2019				
	PHYSICS	DSE-1	Advanced Mathematical Physics	6	6	36	2019				
		DSE-2	Classical Dynamics	9	6	54	2020				
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	Applied Dynamics	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 : 6.30											

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 Zohi Pal
 Controller of Examinations

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

Grade Point Norms:

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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