



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

Name: ARGHA CHOUDHURY

Roll No. 170610410006

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 6 | 6 | 36 | 2017 | 5.60 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 7 | 6 | 42 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | NA | 6 | NA | | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 4 | 6 | 24 | 2018 | 5.30 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | NA | 6 | NA | | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | 5.60 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 5 | 2 | 10 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 5 | 6 | 30 | 2019 | 5.30 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 5 | 2 | 10 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 5 | 6 | 30 | 2019 | 5.60 | Q |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | NA | 6 | NA | | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 8 | 2 | 16 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | 8.10 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 8 | 6 | 48 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: ARNAB GHOSH

Roll No. 17061041009

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|---------------------------|----------------------|----------------------------------|-------------|
| I | CHEMISTRY | CC-1A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 8 | 6 | 48 | 2017 | 5.73 | Q |
| | PHYSICS | CC-2A | Mechanics | 5 | 6 | 30 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 4 | 6 | 24 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | CHEMISTRY | CC-1B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | 5.20 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 4 | 6 | 24 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 10 | 2 | 20 | 2018 | | |
| III | CHEMISTRY | CC-1C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | 5.70 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 6 | 2 | 12 | 2018 | | |
| IV | CHEMISTRY | CC-1D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | 5.10 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 6 | 2 | 12 | 2019 | | |
| V | CHEMISTRY | DSE-1A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | 6.60 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | DSE-3A | Matrices | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 9 | 2 | 18 | 2019 | | |
| VI | CHEMISTRY | DSE-1B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | 9.00 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 10 | 6 | 60 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.21 | | | | | | Letter Grade in CGPA : B+ | Result : Q | | |

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 [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:

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



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

Name: ASLAM SK

Roll No. 170610410010

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|---------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 5 | 6 | 30 | 2017 | 6.00 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 9 | 6 | 54 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 4 | 6 | 24 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | 5.10 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 4 | 6 | 24 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | 5.60 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 5 | 2 | 10 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 5 | 6 | 30 | 2019 | 5.10 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 6 | 2 | 12 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | 6.60 | Q |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | | |
| | MATHEMATICS | DSE-3A | Matrices | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 9 | 2 | 18 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | 9.00 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.23 | | | | | | Letter Grade in CGPA : B+ | Result : Q | | |

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 [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:

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



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

Name: **BISWAJIT BAIDYA**Roll No. **170610410015**

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 5 | 6 | 30 | 2017 | 5.73 | Q |
| | PHYSICS | CC-2A | Mechanics | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 5 | 6 | 30 | 2018 | 5.30 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3B | 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-1C | Real Analysis | 5 | 6 | 30 | 2018 | 6.10 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 7 | 2 | 14 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 4 | 6 | 24 | 2019 | 5.10 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 5 | 6 | 30 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 6 | 2 | 12 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | NA | 6 | NA | | SNC | |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 8 | 2 | 16 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Numerical Methods | 9 | 6 | 54 | 2020 | 8.00 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 8 | 6 | 48 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 8 | 2 | 16 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: ELISHA SULTANA

Roll No. 170610410025

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------|---------------------------|----------------------------------|-------------|
| I | ZOOLOGY | CC-1A | Animal Diversity | 6 | 6 | 36 | 2017 | 6.00 | Q |
| | BOTANY | CC-2A | Biodiversity (Microbes, Algae, Fungi and Archegoniatae) | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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 | ZOOLOGY | CC-1B | Comparative Anatomy & Developmental Biology of Vertebrates | 6 | 6 | 36 | 2018 | 6.00 | Q |
| | BOTANY | CC-2B | Plant Ecology and Taxonomy | 6 | 6 | 36 | 2018 | | |
| | CHEMISTRY | CC-3B | 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 | ZOOLOGY | CC-1C | Physiology and Biochemistry | 7 | 6 | 42 | 2018 | 6.90 | Q |
| | BOTANY | CC-2C | Plant Anatomy and Embryology | 7 | 6 | 42 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | BOTANY | SEC-1 | Biofertilizers | 6 | 2 | 12 | 2018 | | |
| IV | ZOOLOGY | CC-1D | Genetics and Evolutionary Biology | 7 | 6 | 42 | 2019 | 6.20 | Q |
| | BOTANY | CC-2D | Plant Physiology and Metabolism | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | BOTANY | SEC-2 | Medicinal Botany | 5 | 2 | 10 | 2019 | | |
| V | ZOOLOGY | DSE-1A | Applied Zoology | 8 | 6 | 48 | 2019 | 7.40 | Q |
| | BOTANY | DSE-2A | Economic Botany and Biotechnology | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 7 | 6 | 42 | 2019 | | |
| | ZOOLOGY | SEC-3 | Sericulture | 8 | 2 | 16 | 2019 | | |
| VI | ZOOLOGY | DSE-1B | Immunology | 8 | 6 | 48 | 2020 | 8.10 | Q |
| | BOTANY | DSE-2B | Cell Biology, Genetics and Molecular Biology | 8 | 6 | 48 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | ZOOLOGY | SEC-4 | Community Nutrition and Health Statistics | 6 | 2 | 12 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses | | | | | | 6.75 | Letter Grade in CGPA : B+ | | Result : Q |

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 [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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| 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 |
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Percentage Conversion Formula:

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

Name: **FIRDOUSI KHATUN**Roll No. **170610410027**

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 5 | 6 | 30 | 2017 | 5.27 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 7 | 6 | 42 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 4 | 6 | 24 | 2018 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 5 | 4 | 20 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 4 | 6 | 24 | 2018 | 4.90 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 7 | 2 | 14 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | 5.30 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 5 | 2 | 10 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 6 | 6 | 36 | 2019 | 5.40 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 6 | 2 | 12 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | SNC | SNC |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | NA | 6 | NA | | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 8 | 2 | 16 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | 8.10 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 8 | 6 | 48 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: RAJASHREE MUKHERJEE

Roll No. 170610410055

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|---------------------------|----------------------|----------------------------------|-------------|
| I | CHEMISTRY | CC-1A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 8 | 6 | 48 | 2017 | 7.00 | Q |
| | PHYSICS | CC-2A | Mechanics | 7 | 6 | 42 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 6 | 6 | 36 | 2018 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 7 | 4 | 28 | 2017 | | |
| II | CHEMISTRY | CC-1B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | 5.40 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2019 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | CHEMISTRY | CC-1C | Chemical Energetic, Equilibria, Organic Chemistry | 8 | 6 | 48 | 2018 | 6.20 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | PHYSICS | SEC-1 | Renewable Energy and Energy Harvesting | 8 | 2 | 16 | 2018 | | |
| IV | CHEMISTRY | CC-1D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | 6.30 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 9 | 2 | 18 | 2019 | | |
| V | CHEMISTRY | DSE-1A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | 6.60 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | DSE-3A | Matrices | 5 | 6 | 30 | 2019 | | |
| | CHEMISTRY | SEC-3 | Basics & Application of Computer in Chemistry | 9 | 2 | 18 | 2019 | | |
| VI | CHEMISTRY | DSE-1B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | 9.00 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 10 | 6 | 60 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.75 | | | | | | Letter Grade in CGPA : B+ | | Result : Q | |

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 [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:

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



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

Name: SNEHASIS MONDAL

Roll No. 170610410078

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|---|-----------|------------------|-------------------|------------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 6 | 6 | 36 | 2017 | 5.73 | Q |
| | MATHEMATICS | CC-2A | Differential Calculus | 4 | 6 | 24 | 2017 | | |
| | ELECTRONICS | CC-3A | Electronic Circuits and PCB Designing | 7 | 6 | 42 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | 5.70 | Q |
| | MATHEMATICS | CC-2B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | ELECTRONICS | CC-3B | Practical Electronics | 6 | 6 | 36 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | SNC | |
| | MATHEMATICS | CC-2C | Real Analysis | NA | 6 | NA | | | |
| | ELECTRONICS | CC-3C | Digital System Design | 6 | 6 | 36 | 2018 | | |
| | MATHEMATICS | SEC-1 | Analytical Geometry | 5 | 2 | 10 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 6 | 6 | 36 | 2019 | 5.50 | Q |
| | MATHEMATICS | CC-2D | Algebra | 4 | 6 | 24 | 2019 | | |
| | ELECTRONICS | CC-3D | Communication Systems | 6 | 6 | 36 | 2019 | | |
| | PHYSICS | SEC-2 | Weather Forecasting | 7 | 2 | 14 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | 6.20 | Q |
| | MATHEMATICS | DSE-2A | Matrices | 4 | 6 | 24 | 2019 | | |
| | ELECTRONICS | DSE-3A | Electronic Instrumentation | 8 | 6 | 48 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 8 | 2 | 16 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | 7.80 | Q |
| | MATHEMATICS | DSE-2B | Linear Programming | 8 | 6 | 48 | 2020 | | |
| | ELECTRONICS | DSE-3B | Digital Signal Processing | 8 | 6 | 48 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | | Letter Grade in CGPA : | Result : PNC | |

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 [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:

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



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

Name: **BISWAJIT DEWAN**Roll No. **170611210024**

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------|---------------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 4 | 6 | 24 | 2017 | 4.64 | Q |
| | PHYSICS | CC-2A | Mechanics | 4 | 6 | 24 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 7 | 6 | 42 | 2018 | 6.30 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3B | 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-1C | Real Analysis | 4 | 6 | 24 | 2018 | 5.50 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 7 | 6 | 42 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 7 | 2 | 14 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 7 | 6 | 42 | 2019 | 6.70 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 7 | 2 | 14 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | 6 | 6 | 36 | 2019 | 6.40 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 10 | 2 | 20 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Linear Programming | 10 | 6 | 60 | 2020 | 9.40 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 7 | 2 | 14 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses | | | | | | 6.46 | Letter Grade in CGPA : B+ | Result : Q | |

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 [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:

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



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

Name: PRATAP CHATTERJEE

Roll No. 170611210060

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|---------------------------|----------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 5 | 6 | 30 | 2017 | 5.73 | Q |
| | PHYSICS | CC-2A | Mechanics | 6 | 6 | 36 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 7 | 6 | 42 | 2018 | 6.60 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3B | 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-1C | Real Analysis | 5 | 6 | 30 | 2018 | 6.00 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 7 | 6 | 42 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 6 | 6 | 36 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 6 | 2 | 12 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 4 | 6 | 24 | 2019 | 5.10 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 5 | 6 | 30 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 6 | 2 | 12 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | 6 | 6 | 36 | 2019 | 5.90 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 8 | 2 | 16 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Linear Programming | 8 | 6 | 48 | 2020 | 8.40 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 6 | 2 | 12 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.28 | | | | | | Letter Grade in CGPA : B+ | | Result : Q | |

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 [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:

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



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

Name: **PRIYA CHATTOPADHAYAY**Roll No. **170611210061**

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|----------------------------------|----------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 4 | 6 | 24 | 2017 | 5.18 | Q |
| | PHYSICS | CC-2A | Mechanics | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 8 | 6 | 48 | 2018 | 7.20 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 6 | 6 | 36 | 2018 | | |
| | CHEMISTRY | CC-3B | 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-1C | Real Analysis | 4 | 6 | 24 | 2018 | 6.60 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 9 | 6 | 54 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 6 | 2 | 12 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 4 | 6 | 24 | 2019 | 5.80 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 7 | 2 | 14 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | 6 | 6 | 36 | 2019 | 6.70 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 7 | 2 | 14 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Linear Programming | 9 | 6 | 54 | 2020 | 8.80 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 7 | 2 | 14 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.69 | | | | | | Letter Grade in CGPA : B+ | Result : Q | | |

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 [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:

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



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

Name: RAKHIBUL SHEIKH

Roll No. 170611210071

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|---------------------------|----------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 6 | 6 | 36 | 2017 | 6.00 | Q |
| | PHYSICS | CC-2A | Mechanics | 6 | 6 | 36 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 8 | 6 | 48 | 2018 | 6.80 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3B | 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-1C | Real Analysis | 5 | 6 | 30 | 2018 | 5.50 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 6 | 6 | 36 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 7 | 2 | 14 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 4 | 6 | 24 | 2019 | 5.70 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 6 | 2 | 12 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | 6 | 6 | 36 | 2019 | 6.30 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 9 | 2 | 18 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Linear Programming | 7 | 6 | 42 | 2020 | 8.10 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 6 | 2 | 12 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.39 | | | | | | Letter Grade in CGPA : B+ | | Result : Q | |

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 [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:

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



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

Name: RIMA GARAI

Roll No. 170611210073

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------|---------------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 5 | 6 | 30 | 2017 | 5.73 | Q |
| | PHYSICS | CC-2A | Mechanics | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 7 | 6 | 42 | 2018 | 7.00 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 8 | 6 | 48 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 10 | 2 | 20 | 2018 | | |
| III | MATHEMATICS | CC-1C | Real Analysis | 4 | 6 | 24 | 2018 | 6.30 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 8 | 6 | 48 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 7 | 6 | 42 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 6 | 2 | 12 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 5 | 6 | 30 | 2019 | 5.90 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 5 | 2 | 10 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | 7 | 6 | 42 | 2019 | 7.30 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 7 | 2 | 14 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Linear Programming | 9 | 6 | 54 | 2020 | 9.10 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 7 | 2 | 14 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses | | | | | | 6.87 | Letter Grade in CGPA : B+ | Result : Q | |

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 [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:

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



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

Name: SUMIT SINHA

Roll No. 170611210108

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------|---------------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 5 | 6 | 30 | 2017 | 5.18 | Q |
| | PHYSICS | CC-2A | Mechanics | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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-1B | Differential Equations | 7 | 6 | 42 | 2018 | 6.40 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 6 | 6 | 36 | 2018 | | |
| | CHEMISTRY | CC-3B | 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 | MATHEMATICS | CC-1C | Real Analysis | 4 | 6 | 24 | 2018 | 4.60 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 7 | 2 | 14 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 4 | 6 | 24 | 2019 | 5.30 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 5 | 6 | 30 | 2019 | | |
| | CHEMISTRY | SEC-2 | Pharmaceutical Chemistry | 8 | 2 | 16 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Matrices | 6 | 6 | 36 | 2019 | 6.20 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 8 | 2 | 16 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Linear Programming | 9 | 6 | 54 | 2020 | 9.10 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 7 | 2 | 14 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses | | | | | | 6.11 | Letter Grade in CGPA : B+ | Result : Q | |

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 [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:

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



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

Name: SHREYASI DEY

Roll No. 170612210049

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|---|-----------|------------------|------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 4 | 6 | 24 | 2017 | 4.36 | Q |
| | MATHEMATICS | CC-2A | Differential Calculus | 4 | 6 | 24 | 2018 | | |
| | STATISTICS | CC-3A | Statistical Methods | 4 | 6 | 24 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 7 | 6 | 42 | 2018 | 5.70 | Q |
| | MATHEMATICS | CC-2B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | STATISTICS | CC-3B | Introductory Probability | 4 | 6 | 24 | 2019 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 6 | 6 | 36 | 2018 | SNC | SNC |
| | MATHEMATICS | CC-2C | Real Analysis | NA | 6 | NA | | | |
| | STATISTICS | CC-3C | Basics of Statistical Inference | 4 | 6 | 24 | 2018 | | |
| | PHYSICS | SEC-1 | Renewable Energy and Energy Harvesting | 5 | 2 | 10 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 5 | 6 | 30 | 2019 | SNC | SNC |
| | MATHEMATICS | CC-2D | Algebra | 4 | 6 | 24 | 2019 | | |
| | STATISTICS | CC-3D | Applied Statistics | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | NA | 2 | NA | | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 5 | 6 | 30 | 2019 | SNC | SNC |
| | MATHEMATICS | DSE-2A | Matrices | NA | 6 | NA | | | |
| | STATISTICS | DSE-3A | Probability and Probability Distributions -II | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | NA | 2 | NA | | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | 8.40 | Q |
| | MATHEMATICS | DSE-2B | Linear Programming | 7 | 6 | 42 | 2020 | | |
| | STATISTICS | DSE-3B | Demography and Vital Statistics | 9 | 6 | 54 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | | Result : PNC | |

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 [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:

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



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

Name: **ALOKESH SAHA**Roll No. **170640510006**

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 4 | 6 | 24 | 2017 | 4.91 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 5 | 6 | 30 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 5 | 6 | 30 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | 5.40 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | SNC | |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | NC | 6 | NC | | | |
| | MATHEMATICS | CC-3C | Real Analysis | NC | 6 | NC | | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 4 | 2 | 8 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 4 | 6 | 24 | 2019 | 4.50 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | PHYSICS | SEC-2 | Weather Forecasting | 6 | 2 | 12 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | NC | 6 | NC | | SNC | |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | DSE-3A | Matrices | NA | 6 | NA | | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | NC | 2 | NC | | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | 8.00 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 8 | 6 | 48 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 9 | 6 | 54 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 8 | 2 | 16 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: ANJALI KUMARI

Roll No. 17064051009

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|---------------------------|----------------------|----------------------------------|-------------|
| I | MATHEMATICS | CC-1A | Differential Calculus | 5 | 6 | 30 | 2017 | 5.36 | Q |
| | PHYSICS | CC-2A | Mechanics | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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 | 7 | 4 | 28 | 2017 | | |
| II | MATHEMATICS | CC-1B | Differential Equations | 6 | 6 | 36 | 2018 | 6.00 | Q |
| | PHYSICS | CC-2B | Electricity and Magnetism | 6 | 6 | 36 | 2018 | | |
| | CHEMISTRY | CC-3B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Communicative English | 9 | 2 | 18 | 2018 | | |
| III | MATHEMATICS | CC-1C | Real Analysis | 6 | 6 | 36 | 2018 | 5.40 | Q |
| | PHYSICS | CC-2C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 6 | 2 | 12 | 2018 | | |
| IV | MATHEMATICS | CC-1D | Algebra | 4 | 6 | 24 | 2019 | 5.60 | Q |
| | PHYSICS | CC-2D | Waves and Optics | 5 | 6 | 30 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 8 | 2 | 16 | 2019 | | |
| V | MATHEMATICS | DSE-1A | Mechanics | 4 | 6 | 24 | 2019 | 6.30 | Q |
| | PHYSICS | DSE-2A | Elements of Modern Physics | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | | |
| | PHYSICS | SEC-3 | Computational Physics Skills | 6 | 2 | 12 | 2019 | | |
| VI | MATHEMATICS | DSE-1B | Numerical Methods | 9 | 6 | 54 | 2020 | 8.20 | Q |
| | PHYSICS | DSE-2B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 7 | 2 | 14 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 6.13 | | | | | | Letter Grade in CGPA : B+ | | Result : Q | |

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 [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:

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



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

Name: KHUSBU CHAUHAN

Roll No. 170640510017

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 4 | 6 | 24 | 2017 | 5.09 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 5 | 6 | 30 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 5 | 6 | 30 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 7 | 4 | 28 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 5 | 6 | 30 | 2018 | 5.30 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Communicative English | 8 | 2 | 16 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | 4.80 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 6 | 2 | 12 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 4 | 6 | 24 | 2019 | 5.00 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 8 | 2 | 16 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | SNC | |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | DSE-3A | Mechanics | NA | 6 | NA | | | |
| | PHYSICS | SEC-3 | Computational Physics Skills | 7 | 2 | 14 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 6 | 6 | 36 | 2020 | 8.00 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 8 | 6 | 48 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 10 | 6 | 60 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 8 | 2 | 16 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: KIRANTANU GHOSH

Roll No. 170640510018

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 4 | 6 | 24 | 2017 | 5.09 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 5 | 6 | 30 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 5 | 6 | 30 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 7 | 4 | 28 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 5 | 6 | 30 | 2019 | SNC | SNC |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | NA | 6 | NA | | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Communicative English | 7 | 2 | 14 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | 4.80 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | PHYSICS | SEC-1 | Renewable Energy and Energy Harvesting | 6 | 2 | 12 | 2019 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | NA | 6 | NA | | SNC | SNC |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 7 | 2 | 14 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 5 | 6 | 30 | 2019 | 5.00 | Q |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 5 | 2 | 10 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | 7.80 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 8 | 6 | 48 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 8 | 6 | 48 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: RAHUL HALDER

Roll No. 170640510028

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|--|---------------------------|-------------|--|-----------|------------------|--------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 5 | 6 | 30 | 2017 | 5.91 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 7 | 6 | 42 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 5 | 6 | 30 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 7 | 4 | 28 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 4 | 6 | 24 | 2018 | 5.00 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Communicative English | 8 | 2 | 16 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | 4.80 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 5 | 6 | 30 | 2019 | | |
| | PHYSICS | SEC-1 | Renewable Energy and Energy Harvesting | 6 | 2 | 12 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 4 | 6 | 24 | 2019 | 4.60 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 7 | 2 | 14 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | 6.00 | Q |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 6 | 2 | 12 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 7 | 6 | 42 | 2020 | 7.60 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 7 | 6 | 42 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 7 | 2 | 14 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : 5.66 | | | | | | Letter Grade in CGPA : B | Result : Q | | |

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 [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:

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



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

Name: RAHUL KUMAR SHAW

Roll No. 170640510029

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 4 | 6 | 24 | 2017 | 4.55 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 4 | 6 | 24 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 4 | 6 | 24 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 7 | 4 | 28 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 4 | 6 | 24 | 2018 | 4.60 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 5 | 6 | 30 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Communicative English | 7 | 2 | 14 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 4 | 6 | 24 | 2018 | SNC | |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | NA | 6 | NA | | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Analytical Geometry | 6 | 2 | 12 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | NA | 6 | NA | | SNC | |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 5 | 2 | 10 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | 5.30 | Q |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | 4 | 6 | 24 | 2019 | | |
| | PHYSICS | SEC-3 | Computational Physics Skills | 5 | 2 | 10 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | 8.00 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 7 | 6 | 42 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 9 | 6 | 54 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 8 | 2 | 16 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: SALEH TAUHEED MURTAZA

Roll No. 170640510032

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 4 | 6 | 24 | 2017 | 5.36 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 5 | 6 | 30 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 6 | 6 | 36 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 7 | 4 | 28 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 6 | 6 | 36 | 2018 | 5.90 | Q |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | 7 | 6 | 42 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Urdu | 5 | 2 | 10 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | 4.70 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | MATHEMATICS | SEC-1 | Integral Calculus | 8 | 2 | 16 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | NA | 6 | NA | | SNC | |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 9 | 2 | 18 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 7 | 6 | 42 | 2019 | 5.90 | Q |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | 5 | 6 | 30 | 2019 | | |
| | PHYSICS | SEC-3 | Computational Physics Skills | 5 | 2 | 10 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | 8.60 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 8 | 6 | 48 | 2020 | | |
| | MATHEMATICS | DSE-3B | Numerical Methods | 10 | 6 | 60 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 8 | 2 | 16 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: UDDIPAN MONDAL

Roll No. 170640910058

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 6 | 6 | 36 | 2017 | 6.00 | Q |
| | MATHEMATICS | CC-2A | Differential Calculus | 5 | 6 | 30 | 2017 | | |
| | CHEMISTRY | CC-3A | 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 | PHYSICS | CC-1B | Electricity and Magnetism | 6 | 6 | 36 | 2018 | SNC | SNC |
| | MATHEMATICS | CC-2B | Differential Equations | NA | 6 | NA | | | |
| | CHEMISTRY | CC-3B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | NC | 6 | NC | | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 5 | 6 | 30 | 2018 | 4.90 | Q |
| | MATHEMATICS | CC-2C | Real Analysis | 4 | 6 | 24 | 2018 | | |
| | CHEMISTRY | CC-3C | Chemical Energetic, Equilibria, Organic Chemistry | 6 | 6 | 36 | 2018 | | |
| | CHEMISTRY | SEC-1 | Analytical Clinical Biochemistry | 4 | 2 | 8 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 4 | 6 | 24 | 2019 | 4.60 | Q |
| | MATHEMATICS | CC-2D | Algebra | 4 | 6 | 24 | 2019 | | |
| | CHEMISTRY | CC-3D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 5 | 6 | 30 | 2019 | | |
| | PHYSICS | SEC-2 | Weather Forecasting | 7 | 2 | 14 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 6 | 6 | 36 | 2019 | SNC | SNC |
| | MATHEMATICS | DSE-2A | Linear Algebra | NA | 6 | NA | | | |
| | CHEMISTRY | DSE-3A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 7 | 6 | 42 | 2019 | | |
| | CHEMISTRY | SEC-3 | Basics & Application of Computer in Chemistry | 8 | 2 | 16 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 8 | 6 | 48 | 2020 | 8.60 | Q |
| | MATHEMATICS | DSE-2B | Linear Programming | 9 | 6 | 54 | 2020 | | |
| | CHEMISTRY | DSE-3B | Functional Group Organic Chemistry and Industrial Chemistry | 9 | 6 | 54 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 8 | 2 | 16 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

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 [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:

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



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

Name: SUMANA NANDI

Roll No. 170641410009

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------|--------------------------|----------------------------------|-------------|
| I | CHEMISTRY | CC-1A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 8 | 6 | 48 | 2017 | 6.91 | Q |
| | MATHEMATICS | CC-2A | Differential Calculus | 8 | 6 | 48 | 2017 | | |
| | PHYSICS | CC-3A | Mechanics | 6 | 6 | 36 | 2017 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 5 | 4 | 20 | 2017 | | |
| II | CHEMISTRY | CC-1B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 8 | 6 | 48 | 2018 | 8.10 | Q |
| | MATHEMATICS | CC-2B | Differential Equations | 9 | 6 | 54 | 2018 | | |
| | PHYSICS | CC-3B | Electricity and Magnetism | 7 | 6 | 42 | 2018 | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | CHEMISTRY | CC-1C | Chemical Energetic, Equilibria, Organic Chemistry | 8 | 6 | 48 | 2018 | 8.00 | Q |
| | MATHEMATICS | CC-2C | Real Analysis | 7 | 6 | 42 | 2018 | | |
| | PHYSICS | CC-3C | Thermal Physics and Statistical Mechanics | 9 | 6 | 54 | 2018 | | |
| | PHYSICS | SEC-1 | Renewable Energy and Energy Harvesting | 8 | 2 | 16 | 2018 | | |
| IV | CHEMISTRY | CC-1D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 7 | 6 | 42 | 2019 | 6.50 | Q |
| | MATHEMATICS | CC-2D | Algebra | 6 | 6 | 36 | 2019 | | |
| | PHYSICS | CC-3D | Waves and Optics | 6 | 6 | 36 | 2019 | | |
| | MATHEMATICS | SEC-2 | Vector Calculus | 8 | 2 | 16 | 2019 | | |
| V | CHEMISTRY | DSE-1A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | 6.70 | Q |
| | MATHEMATICS | DSE-2A | Linear Algebra | 5 | 6 | 30 | 2019 | | |
| | PHYSICS | DSE-3A | Elements of Modern Physics | 7 | 6 | 42 | 2019 | | |
| | MATHEMATICS | SEC-3 | Probability and Statistics | 7 | 2 | 14 | 2019 | | |
| VI | CHEMISTRY | DSE-1B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | 9.60 | Q |
| | MATHEMATICS | DSE-2B | Linear Programming | 10 | 6 | 60 | 2020 | | |
| | PHYSICS | DSE-3B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | | |
| | PHYSICS | SEC-4 | Electrical Circuits and Network Skills | 9 | 2 | 18 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses | | | | | | 7.62 | Letter Grade in CGPA : A | Result : Q | |

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 [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:

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



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

Name: **PIJUSH BHAKTA**Roll No. **170641510013**

| Semester No. | Subject | Course Code | Course Title | Grade (G) | Credit Value (V) | Grade Point (G×V) | Credit Retained Year | SGPA on the basis of All Courses | Result Code |
|---|---------------------------|-------------|--|-----------|------------------|-------------------------------|----------------------|----------------------------------|-------------|
| I | PHYSICS | CC-1A | Mechanics | 5 | 6 | 30 | 2017 | 4.91 | Q |
| | CHEMISTRY | CC-2A | Atomic Structure, Chemical Periodicity, Acids And Bases, Redox Reactions, General Organic Chemistry & Aliphatic Hydrocarbons | 5 | 6 | 30 | 2017 | | |
| | MATHEMATICS | CC-3A | Differential Calculus | 4 | 6 | 24 | 2019 | | |
| | ENVIRONMENTAL STUDIES | AECC-1 | Fundamentals of Environmental Studies | 6 | 4 | 24 | 2017 | | |
| II | PHYSICS | CC-1B | Electricity and Magnetism | 6 | 6 | 36 | 2018 | SNC | SNC |
| | CHEMISTRY | CC-2B | States of Matter & Chemical Kinetics, Chemical Bonding & Molecular Structure, P-Block Elements | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3B | Differential Equations | NA | 6 | NA | | | |
| | Communicative English/MIL | AECC-2 | Bengali | 9 | 2 | 18 | 2018 | | |
| III | PHYSICS | CC-1C | Thermal Physics and Statistical Mechanics | 7 | 6 | 42 | 2018 | 5.70 | Q |
| | CHEMISTRY | CC-2C | Chemical Energetic, Equilibria, Organic Chemistry | 5 | 6 | 30 | 2018 | | |
| | MATHEMATICS | CC-3C | Real Analysis | 5 | 6 | 30 | 2018 | | |
| | PHYSICS | SEC-1 | Renewable Energy and Energy Harvesting | 6 | 2 | 12 | 2018 | | |
| IV | PHYSICS | CC-1D | Waves and Optics | 6 | 6 | 36 | 2019 | 5.40 | Q |
| | CHEMISTRY | CC-2D | Solution Phase Equilibria, Conductance, Electrochemistry, Analytical & Environmental Chemistry | 5 | 6 | 30 | 2019 | | |
| | MATHEMATICS | CC-3D | Algebra | 4 | 6 | 24 | 2019 | | |
| | PHYSICS | SEC-2 | Weather Forecasting | 9 | 2 | 18 | 2019 | | |
| V | PHYSICS | DSE-1A | Elements of Modern Physics | 9 | 6 | 54 | 2019 | SNC | SNC |
| | CHEMISTRY | DSE-2A | Transition Metal & Co-ordination Chemistry, Analytical and Industrial Chemistry | 8 | 6 | 48 | 2019 | | |
| | MATHEMATICS | DSE-3A | Linear Algebra | NA | 6 | NA | | | |
| | CHEMISTRY | SEC-3 | Basics & Application of Computer in Chemistry | 9 | 2 | 18 | 2019 | | |
| VI | PHYSICS | DSE-1B | Digital, Analog and Instrumentation | 9 | 6 | 54 | 2020 | 8.80 | Q |
| | CHEMISTRY | DSE-2B | Functional Group Organic Chemistry and Industrial Chemistry | 10 | 6 | 60 | 2020 | | |
| | MATHEMATICS | DSE-3B | Linear Programming | 7 | 6 | 42 | 2020 | | |
| | CHEMISTRY | SEC-4 | Polymer Chemistry | 10 | 2 | 20 | 2020 | | |
| CGPA (Cumulative Grade Point Average) on the basis of All Courses : | | | | | | Letter Grade in CGPA : | Result : PNC | | |

Date of Publication of Result : 29.10.2020

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Anindya Zyoti Pal
 Controller of Examinations

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Percentage Conversion Formula:

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