



**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 : |                           |             |  |           |                  | <b>Letter Grade in CGPA :</b> | <b>Result : PNC</b>  |                                  |             |

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:**

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