

# HSC 2nd Year Academic Program

## Progressive Batch [Online/Combo]

### Class & Exam Routine Part-04 (English Version)

| Date & Day                                        | Live Class: 1                                                                                                                        | Live Class: 2                    | Live Exam       | Online: From 8:00am to 11:55pm                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------|
|                                                   | 2:30pm                                                                                                                               | 6:45pm                           |                 | Offline: From 9:00am to 5:00pm                                                                                          |
| 25 October 2025 (Saturday)                        | HM-55 H. Math: Chapter- 8                                                                                                            | P-55 Physics: Chapter- 8         | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam B-21 MCQ (10× 1=10); 10 min.<br>Daily Live Exam HM-45 MCQ (10× 1=10); 10 min. |
| 26 October 2025 (Sunday)                          | Z-23 Zoology: Chapter- 11                                                                                                            | C-44 Chemistry: Chapter- 3       | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam HM-55 MCQ (10× 1=10); 10 min.<br>Daily Live Exam P-55 MCQ (10× 1=10); 10 min. |
| 27 October 2025 (Monday)<br>Chapter-wise Exam-23  | P-32 Physics: Chapter- 5                                                                                                             | B-22 Botany: Chapter- 11         | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam Z-23 MCQ (10× 1=10); 10 min.<br>Daily Live Exam C-44 MCQ (10× 1=10); 10 min.  |
|                                                   | Physics 2nd Paper Chapter- 04 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.                                 |                                  |                 |                                                                                                                         |
| 28 October 2025 (Tuesday)                         | C-45 Chemistry: Chapter- 3                                                                                                           | HM-46 H. Math: Chapter- 7        | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam P-32 MCQ (10× 1=10); 10 min.<br>Daily Live Exam B-22 MCQ (10× 1=10); 10 min.  |
| 29 October 2025 (Wednesday)                       | HM-56 H. Math: Chapter- 8                                                                                                            | C-46 Chemistry: Chapter- 3       | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam C-45 MCQ (10× 1=10); 10 min.<br>Daily Live Exam HM-46 MCQ (10× 1=10); 10 min. |
| 30 October 2025 (Thursday)                        | Z-24 Zoology: Chapter- 11                                                                                                            | Physics Problem Solving Class-03 | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam HM-56 MCQ (10× 1=10); 10 min.<br>Daily Live Exam C-46 MCQ (10× 1=10); 10 min. |
| 31 October 2025 (Friday)<br>Chapter-wise Exam-24  | P-56 Physics: Chapter- 8                                                                                                             | C-47 Chemistry: Chapter- 3       | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam Z-24 MCQ (10× 1=10); 10 min.                                                  |
|                                                   | Chemistry 2nd Paper Chapter- 03 [Part-01 Lecture C-39 to 44]; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min. |                                  |                 |                                                                                                                         |
| 01 November 2025 (Saturday)                       | HM-57 H. Math: Chapter- 8                                                                                                            | P-57 Physics: Chapter- 8         | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam P-56 MCQ (10× 1=10); 10 min.<br>Daily Live Exam C-47 MCQ (10× 1=10); 10 min.  |
| 02 November 2025 (Sunday)                         | B-23 Botany: Chapter- 12                                                                                                             | C-48 Chemistry: Chapter- 3       | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam HM-57 MCQ (10× 1=10); 10 min.<br>Daily Live Exam P-57 MCQ (10× 1=10); 10 min. |
| 03 November 2025 (Monday)<br>Chapter-wise Exam-25 | P-33 Physics: Chapter- 5                                                                                                             | HM-23 H. Math: Chapter- 5        | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam B-23 MCQ (10× 1=10); 10 min.<br>Daily Live Exam C-48 MCQ (10× 1=10); 10 min.  |
|                                                   | H.Math 2nd Paper Chapter- 07 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.                                  |                                  |                 |                                                                                                                         |
| 04 November 2025 (Tuesday)                        | C-49 Chemistry: Chapter- 3                                                                                                           | B-24 Botany: Chapter- 12         | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam P-33 MCQ (10× 1=10); 10 min.<br>Daily Live Exam HM-23 MCQ (10× 1=10); 10 min. |
| 05 November 2025 (Wednesday)                      | C-50 Chemistry: Chapter- 3                                                                                                           | HM-58 H. Math: Chapter- 8        | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam C-49 MCQ (10× 1=10); 10 min.<br>Daily Live Exam B-24 MCQ (10× 1=10); 10 min.  |
| 06 November 2025 (Thursday)                       | ---                                                                                                                                  | H.Math Problem Solving Class-03  | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam HM-58 MCQ (10× 1=10); 10 min.<br>Daily Live Exam C-50 MCQ (10× 1=10); 10 min. |
| 07 November 2025 (Friday)<br>Chapter-wise Exam-26 | B-25 Botany: Chapter- 12                                                                                                             | P-58 Physics: Chapter- 9         | ---             |                                                                                                                         |
|                                                   | Botany chapter- 11 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min                                             |                                  |                 |                                                                                                                         |
| 08 November 2025 (Saturday)                       | HM-59 H. Math: Chapter- 9                                                                                                            | P-59 Physics: Chapter- 9         | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam B-25 MCQ (10× 1=10); 10 min.<br>Daily Live Exam P-58 MCQ (10× 1=10); 10 min.  |
| 09 November 2025 (Sunday)                         | Z-25 Zoology: Chapter- 11                                                                                                            | Guideline Seminar -03            | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam HM-59 MCQ (10× 1=10); 10 min.<br>Daily Live Exam P-59 MCQ (10× 1=10); 10 min. |
| 10 November 2025 (Monday)<br>Chapter-wise Exam-27 | P-34 Physics: Chapter- 5                                                                                                             | HM-24 H. Math: Chapter- 5        | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam Z-25 MCQ (10× 1=10); 10 min.                                                  |
|                                                   | Physics 2nd Paper Chapter- 08 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.                                 |                                  |                 |                                                                                                                         |
| 11 November 2025 (Tuesday)                        | C-51 Chemistry: Chapter- 4                                                                                                           | Z-26 Zoology: Chapter- 11        | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam P-34 MCQ (10× 1=10); 10 min.<br>Daily Live Exam HM-24 MCQ (10× 1=10); 10 min. |
| 12 November 2025 (Wednesday)                      | HM-60 H. Math: Chapter- 9                                                                                                            | C-52 Chemistry: Chapter- 4       | Daily Live Exam | From 8:00am to 11:55pm<br>Daily Live Exam C-51 MCQ (10× 1=10); 10 min.<br>Daily Live Exam Z-26 MCQ (10× 1=10); 10 min.  |

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| 13 November 2025 (Thursday)                                                       | <b>Z-27</b> Zoology: Chapter- 11                                                                                                                | <b>Biology Problem Solving Class-03</b> | Daily Live Exam <b>HM-60</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>C-52</b> MCQ (10× 1=10); 10 min. |
| <b>14 November 2025 (Friday)</b><br><b>Chapter-wise Exam-28</b>                   | ---                                                                                                                                             | <b>P-60</b> Physics: Chapter- 9         | Daily Live Exam <b>Z-27</b> MCQ (10× 1=10); 10 min                                                          |
|                                                                                   | <b>H.Math 2nd Paper Chapter- 08 (CQ 2×10=20); Time: 50min &amp; (Pre-Admission MCQ 10× 1=10); Time: 10min.</b>                                  |                                         |                                                                                                             |
| 15 November 2025 (Sunday)                                                         | <b>HM-61</b> H. Math: Chapter- 9                                                                                                                | <b>P-61</b> Physics: Chapter- 9         | Daily Live Exam <b>P-60</b> MCQ (10× 1=10); 10 min.                                                         |
| 16 November 2025 (Sunday)                                                         | <b>Z-28</b> Zoology: Chapter- 11                                                                                                                | <b>C-53</b> Chemistry: Chapter- 4       | Daily Live Exam <b>HM-61</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>P-61</b> MCQ (10× 1=10); 10 min. |
| <b>17 November 2025 (Monday)</b><br><b>Chapter-wise Exam-29</b>                   | <b>P-35</b> Physics: Chapter- 5                                                                                                                 | <b>HM-25</b> H. Math: Chapter- 5        | Daily Live Exam <b>Z-28</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>C-53</b> MCQ (10× 1=10); 10 min.  |
|                                                                                   | <b>Botany chapter- 12 (CQ 2×10=20); Time: 50min &amp; (Pre-Admission MCQ 10× 1=10); Time: 10min</b>                                             |                                         |                                                                                                             |
| 18 November 2025 (Tuesday)                                                        | <b>C-54</b> Chemistry: Chapter- 4                                                                                                               | ---                                     | Daily Live Exam <b>P-35</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>HM-25</b> MCQ (10× 1=10); 10 min. |
| <b>19 November 2025 (Wednesday)</b><br><b>Chapter-wise Exam-30</b>                | <b>HM-62</b> H. Math: Chapter- 9                                                                                                                | <b>C-55</b> Chemistry: Chapter- 4       | Daily Live Exam <b>C-54</b> MCQ (10× 1=10); 10 min.<br>---                                                  |
|                                                                                   | <b>Chemistry 2nd Paper Chapter- 03 [Part-02 Lecture C-45 to 50]; (CQ 2×10=20); Time: 50min &amp; (Pre-Admission MCQ 10× 1=10); Time: 10min.</b> |                                         |                                                                                                             |
| 20 November 2025 (Thursday)                                                       | <b>Z-29</b> Zoology: Chapter- 12                                                                                                                | <b>HM-63</b> H. Math: Chapter- 9        | Daily Live Exam <b>HM-62</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>C-55</b> MCQ (10× 1=10); 10 min. |
| <b>21 November 2025 (Friday)</b><br><b>Chapter-wise Exam-31</b>                   | <b>Z-30</b> Zoology: Chapter- 12                                                                                                                | <b>P-62</b> Physics: Chapter- 10        | Daily Live Exam <b>Z-29</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>HM-63</b> MCQ (10× 1=10); 10 min. |
|                                                                                   | <b>Zoology chapter- 11 (CQ 2×10=20); Time: 50min &amp; (Pre-Admission MCQ 10× 1=10); Time: 10min</b>                                            |                                         |                                                                                                             |
| 22 November 2025 (Saturday)                                                       | <b>Chemistry Problem Solving Class-04</b>                                                                                                       | <b>P-63</b> Physics: Chapter- 10        | Daily Live Exam <b>Z-30</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>P-62</b> MCQ (10× 1=10); 10 min.  |
| 23 November 2025 (Sunday)                                                         | <b>Z-31</b> Zoology: Chapter- 12                                                                                                                | <b>C-56</b> Chemistry: Chapter- 4       | ---<br>Daily Live Exam <b>P-63</b> MCQ (10× 1=10); 10 min.                                                  |
| <b>24 November 2025 (Monday)</b><br><b>Chapter-wise Exam-32</b>                   | <b>P-36</b> Physics: Chapter- 5                                                                                                                 | <b>HM-26</b> H. Math: Chapter- 5        | Daily Live Exam <b>Z-31</b> MCQ (10× 1=10); 10 min.<br>Daily Live Exam <b>C-56</b> MCQ (10× 1=10); 10 min.  |
|                                                                                   | <b>Physics 2nd Paper Chapter- 09 (CQ 2×10=20); Time: 50min &amp; (Pre-Admission MCQ 10× 1=10); Time: 10min.</b>                                 |                                         |                                                                                                             |
| <b>The next class and exam routine (Part-05) will be published...</b>             |                                                                                                                                                 |                                         |                                                                                                             |
| <b>***The routine can change or be modified in case of special necessities***</b> |                                                                                                                                                 |                                         |                                                                                                             |

#### Online Class and Exam Procedure:

- To participate in classes and exams, visit [udvash.com](http://udvash.com) and click on the "Join Now" menu. Log in using your admitted registration number.
- Daily Live Classes** will be held as per the schedule, with **two separate subject classes per day** at the mentioned date and time.
- Daily Live Exams** will be available as per the schedule from **8:00am to 11:55pm**, where students can take the exam once per with **two separate subjects**.  
However, For additional practice, students can take the Practice Exam multiple times with the same syllabus.
- To watch recorded videos and PDFs of daily classes, use the "Past Classes/Course & Content" option.
- To access **Archive Classes & One Shot CQ-MCQ Classes**, use the "Course & Content" option.
- The **Q&A** option is available **24/7** to resolve subject-related queries after the class.
- All students enrolled in the Combo Batch can take chapter-based exams both online and at any nearby branch (**From 9:00am to 5:00pm**).
- To get updates quickly, join our Facebook group (**HSC & Admission উদ্ভাস-উন্মেষ**).

#### HSC 2nd Year Academic Program Progressive Batch (Class & Exam Syllabus-4)

| Physics 2nd Paper Reference Book:                                      |         |                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chapter                                                                | Lecture | Lecture-based discussion topics                                                                                                                                                                                                                |
| <b>Chapter 05</b><br>Electromagnetic Induction and Alternating Current | P-32    | Electromagnetic Induction, Magnetic Flux, Faraday's Laws of Electromagnetic Induction, First Law, Second Law, Lenz's Law, Lenz's Law and the Conservation of Energy, and Related Mathematical Problems.                                        |
|                                                                        | P-33    | CQ & Admission Standard Mathematical Problems on Faraday's Law and Lenz's Law, Self-Induction, Determination of Self-Inductance Coefficient, Direction of Induced Electromotive Force Due to Self-Induction, and General Mathematical Problems |
|                                                                        | P-34    | CQ & Admission Standard Mathematical Problems on Self-Induction, Non-Inductive Coil, Mutual Induction, Applications of Mutual Induction: Transformer and General Mathematical Problems.                                                        |

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|                                                     | P-35 | CQ & Admission Standard Mathematical Problems on Mutual Induction, Alternating Current, Various Parameters of Alternating Current, Generation of Alternating Current, Average and Root Mean Square Value of Alternating Current. |
|                                                     | P-36 | All Mathematical Problems Related to Alternating Current.                                                                                                                                                                        |
| <b>Chapter 08</b><br>Introduction of Modern Physics | P-55 | Stopping potential, Mathematical Problems, X-ray, Producing X-ray, Properties and types of x-ray.                                                                                                                                |
|                                                     | P-56 | Mathematical Problems on X-rays and Photoelectric Effect, De Broglie's Matter Waves, Wave-Particle Duality, Mathematical Examples.                                                                                               |
|                                                     | P-57 | Compton Effect, Mathematical Examples on Compton Effect, Heisenberg's Uncertainty Principle, Mathematical Examples.                                                                                                              |
| <b>Chapter 09</b><br>Atomic Model & Nuclear Physics | P-58 | Structure of Atom, Thomson's atomic model. Rutherford's alpha-particle experiment, Solar model, Bohr's atomic model, atomic radius and energy, Structure of nucleus, Quantities of nucleus.                                      |
|                                                     | P-59 | Radioactivity, Radioactive ray, Alpha, Beta and gamma radiation, Rules of radioactive transformation, Radioactive decay, Equation of decay, Transformation law.                                                                  |
|                                                     | P-60 | Half-life and average-life, Mass defect and binding energy, nuclear reaction, Fission, fusion and nuclear reactor.                                                                                                               |
| <b>Chapter 10</b><br>Semi-Conductor & Electronics   | P-61 | Energy band, Conductor, Semi-conductor and insulator with respect to band theory, Effect of temperature on semi-conductor, Pure and impure semi-conductor, P-type and n-type semi-conductor, p-n junction diode.                 |
|                                                     | P-62 | Biasing in p-n junction, Forward and reverse bias, Ideal diode model, Model of constant voltage drop, General mathematical problems related to Diode.                                                                            |
|                                                     | P-63 | General mathematical problems related to Diode, use of diode as a rectifier.                                                                                                                                                     |

| Chemistry 2nd paper Reference Book: <b>पाठालाल TEXT</b> |         |                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chapter                                                 | Lecture | Lecture-based discussion topics                                                                                                                                                                                                                                           |
| <b>Chapter 03</b><br>Stoichiometric Chemistry           | C-44    | Indicator, Titration, Neutralization point, Titration graph.                                                                                                                                                                                                              |
|                                                         | C-45    | Oxidation number, Valency and latent valency, Oxidation-reduction (Basic concept), Compatibility, Incompatibility, Auto oxidation-reduction.                                                                                                                              |
|                                                         | C-46    | Balancing oxidation-reduction.                                                                                                                                                                                                                                            |
|                                                         | C-47    | Oxidation-reduction titration (Determination of amount of metal ion and impurity.)                                                                                                                                                                                        |
|                                                         | C-48    | iodimetry and iodometry                                                                                                                                                                                                                                                   |
|                                                         | C-49    | Use of beer-lambert law to determine conc. Of solution, atomic absorption spectroscopy.                                                                                                                                                                                   |
|                                                         | C-50    | UV -Vis spectroscopy, HPLC, Gas chromatography.                                                                                                                                                                                                                           |
| <b>Chapter 04</b><br>Electro-chemistry                  | C-51    | Electric conductivity and classification, Specific conductance, equivalent conductance and molar conductance of electrolyte.                                                                                                                                              |
|                                                         | C-52    | Reactivity series of metal, Electric cell, Classification and technique of electrolyte, Factors having effect on electrolyte.                                                                                                                                             |
|                                                         | C-53    | Faraday's law + Math.                                                                                                                                                                                                                                                     |
|                                                         | C-54    | Electrode and Electrode potential – Elements of electrochemical cell, Oxidation-reduction half-cell reaction, Electrode and classification, Single and double chamber electrochemical cell + usage, Galvanic cell, Standard electrode potential, Salt bridge and its use. |
|                                                         | C-55    | Electrode indicator, Math of standard electrode potential, Math of safe container.                                                                                                                                                                                        |
|                                                         | C-56    | Electric cell, Cell potential and its effect- Nernst equation + Math, Relation of Gibbs free energy, pH Meter.                                                                                                                                                            |

| H.Math 2nd Paper Reference Book: <b>पाठालाल TEXT</b>                             |         |                                                                                                                                                                                            |
|----------------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chapter                                                                          | Lecture | Lecture-based discussion topics                                                                                                                                                            |
| <b>Chapter 07</b><br>Inverse Trigonometric Functions and Trigonometric Equations | HM-46   | Exercise-7.2; Solution from the sum of trigonometric expressions, solution from the product of trigonometric expressions.                                                                  |
| <b>Chapter 05</b><br>Binomial expansions                                         | HM-23   | Exercise-5.1; Basic concepts of binomial expansion, Pascal's triangle, binomial theorem, proof of binomial expansion theorem in ascending order.                                           |
|                                                                                  | HM-24   | Exercise-5.1; Number of terms, algebraic sum of coefficients of expansion, properties of coefficients of binomial expansion, common terms.                                                 |
|                                                                                  | HM-25   | Exercise-5.1; Terms without variables in expansion, middle term, equidistant terms, ratio of two consecutive terms related, coefficients of two terms being equal related.                 |
|                                                                                  | HM-26   | Exercise-5.2; Concept of binomial expansion in infinite series, condition of expansion for $(a + x)^n$ .                                                                                   |
| <b>Chapter 08</b><br>Statics                                                     | HM-55   | Exercise-8.3; Resultant of parallel forces acting on paired objects, determining the magnitude of the resultant of two similar parallel forces, determining direction and point of action. |

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|                                                     | HM-56 | Exercise-8.3; Determining the magnitude of the resultant of two unlike parallel forces, their direction and point of action, mathematical problems.                                                            |
|                                                     | HM-57 | Exercise-8.3; Triangle related problems in the case of similar parallel forces, determining the pressure and reaction forces related problems.                                                                 |
|                                                     | HM-58 | Exercise-8.3; Moment of force, couple.                                                                                                                                                                         |
| <b>Chapter 09</b><br>Motion of particles in a plane | HM-59 | Exercise-9.1; Displacement, velocity, average speed and velocity, distance between moving objects, finding the velocity.                                                                                       |
|                                                     | HM-60 | Exercise-9.1; Crossing a river related problem.                                                                                                                                                                |
|                                                     | HM-61 | Exercise-9.2; Determining relative velocity, determining relative velocity related problems.                                                                                                                   |
|                                                     | HM-62 | Exercise-9.3; Uniform acceleration, laws of motion of a particle moving in a straight line with uniform acceleration, description of motion with the help of diagrams and solution of laws of motion problems. |
|                                                     | HM-63 | Exercise-9.3; Bullet related, tiger-deer and bus-passenger related problems.                                                                                                                                   |

| Botany Reference Book: <b>ম্যাট্রাল টেক্সট</b>                                |         |                                                                                                                                                                |
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| Chapter                                                                       | Lecture | Lecture-based discussion topics                                                                                                                                |
| <b>Chapter 11</b><br>Biotechnology                                            | B-21    | Genetic engineering, steps of genetic engineering.                                                                                                             |
|                                                                               | B-22    | Gene cloning, use of biotechnology: application of recombinant DNA technology, genome sequencing, provisions of biosafety in the application of biotechnology. |
| <b>Chapter 12</b><br>Environment, distribution, and conservation of organisms | B-23    | Species, population, biotic community, biosphere, ecosystem, energy flow.                                                                                      |
|                                                                               | B-24    | Adaptations of animals, aquatic adaptations, desert adaptations, adaptations to saline environments.                                                           |
|                                                                               | B-25    | Biome, Flora and fauna of the Oriental region, forests of Bangladesh, biodiversity and biodiversity conservation.                                              |

| Zoology Reference Book: <b>ম্যাট্রাল টেক্সট</b> |         |                                                                                                                                                                      |
|-------------------------------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chapter                                         | Lecture | Lecture-based discussion topics                                                                                                                                      |
| <b>Chapter 11</b><br>Genetics and Evolution     | Z-23    | Explanation of terms related to genetics, Mendel's first law.                                                                                                        |
|                                                 | Z-24    | Exception to the first law (incomplete dominance, co-dominance), lethal gene.                                                                                        |
|                                                 | Z-25    | Second law, exceptions to Mendel's second law (complementary genes), epistasis (dominant epistasis, duplicate recessive epistasis), polygenic inheritance.           |
|                                                 | Z-26    | Principle of Sex determination, sex linked disorders, red-green color blindness, hemophilia, muscular dystrophy.                                                     |
|                                                 | Z-27    | ABO blood group and problems caused by Rh.                                                                                                                           |
|                                                 | Z-28    | Evolution, Lamarckism or the theory of inheritance of acquired characteristics, Darwinism or the theory of natural selection, Neo-Darwinism, Evidence for evolution. |
| <b>Chapter 12</b><br>Animal Behavior            | Z-29    | Nature of behavior, stimulus, behavioral changes due to stimulus, relationship between behavior and heredity, innate behavior, taxis                                 |
|                                                 | Z-30    | Reflexes, instincts, Tests for instincts.                                                                                                                            |
|                                                 | Z-31    | Learned behavior, Types of learned behavior, Social Behavior, Altruism, Altruism in the social behavior of the bees.                                                 |



**উদ্ভাস**

একাডেমিক এন্ড এডমিশন কেয়ার



বিস্তারিত  
ঠিকানা