HSC 2nd Year Academic Program
Progressive Batch [Online/Combo]

Class & Exam Routine Part-05 (English Version)

Date & Day	Live Class: 1 2:30pm	Live Class: 2 6:30pm	Live Exam	Online: From 8:00am to 11:55pm Offline: From 9:00am to 5:00pm
25 November 2025 (Tuesday)	C-57 Chemistry: Chapter- 04	HM-64 H. Math: Chapter- 09		Daily Live Exam P-36 MCQ (10× 1=10); 10 min. Daily Live Exam HM-26 MCQ (10× 1=10); 10 min.
26 November 2025 (Wednesday)	HM-65 H. Math: Chapter- 09	C-58 Chemistry: Chapter- 04		Daily Live Exam C-57 MCQ (10× 1=10); 10 min. Daily Live Exam HM-64 MCQ (10× 1=10); 10 min.
27 November 2025 (Thursday)	HM-66 H. Math: Chapter- 09	P-64 Physics: Chapter- 10		Daily Live Exam HM-65 MCQ (10× 1=10); 10 min. Daily Live Exam C-58 MCQ (10× 1=10); 10 min.
28 November 2025 (Friday) Chapter-wise Exam-33	---	HM-67 H. Math: Chapter- 09		Daily Live Exam HM-66 MCQ (10× 1=10); 10 min. Daily Live Exam P-64 MCQ (10× 1=10); 10 min.
	Zoology Chapter- 12 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.			
29 November 2025 (Saturday)	HM-68 H. Math: Chapter- 09	P-65 Physics: Chapter- 10		Daily Live Exam HM-67 MCQ (10× 1=10); 10 min.
30 November 2025(Sunday)	Physics Problem Solving Class-04	C-59 Chemistry: Chapter- 04		Daily Live Exam HM-68 MCQ (10× 1=10); 10 min. Daily Live Exam P-65 MCQ (10× 1=10); 10 min.
01 December 2025 (Monday) Chapter-wise Exam-34	P-37 Physics: Chapter- 06	HM-27 H. Math: Chapter- 05		Daily Live Exam C-59 MCQ (10× 1=10); 10 min.
	Physics 2nd Paper Chapter- 05 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.			
02 December 2025 (Tuesday)	C-60 Chemistry: Chapter- 04	P-66 Physics: Chapter- 10		Daily Live Exam P-37 MCQ (10× 1=10); 10 min. Daily Live Exam HM-27 MCQ (10× 1=10); 10 min.
03 December 2025 (Wednesday)	HM-69 H. Math: Chapter- 10	C-61 Chemistry: Chapter- 05		Daily Live Exam C-60 MCQ (10× 1=10); 10 min. Daily Live Exam P-66 MCQ (10× 1=10); 10 min.
04 December 2025 (Thursday)	HM-70 H. Math: Chapter- 10	H.Math Problem Solving Class-04		Daily Live Exam HM-69 MCQ (10× 1=10); 10 min. Daily Live Exam C-61 MCQ (10× 1=10); 10 min.
05 December 2025 (Friday) Chapter-wise Exam-35	P-67 Physics: Chapter- 11	P-68 Physics: Chapter- 11		Daily Live Exam HM-70 MCQ (10× 1=10); 10 min.
	Chemistry 2nd Paper Chapter- 04 [Part-01 Lecture C-51 to 56]; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.			
06 December 2025 (Saturday)	P-38 Physics: Chapter- 06	HM-71 H. Math: Chapter- 10		Daily Live Exam P-67 MCQ (10× 1=10); 10 min. Daily Live Exam P-68 MCQ (10× 1=10); 10 min.
07 December 2025 (Sunday)	P-39 Physics: Chapter- 06	C-62 Chemistry: Chapter- 05		Daily Live Exam P-38 MCQ (10× 1=10); 10 min. Daily Live Exam HM-71 MCQ (10× 1=10); 10 min.
08 December 2025 (Monday) Chapter-wise Exam-36	P-40 Physics: Chapter- 06	HM-28 H. Math: Chapter- 05		Daily Live Exam P-39 MCQ (10× 1=10); 10 min. Daily Live Exam C-62 MCQ (10× 1=10); 10 min.
	H.Math 2nd Paper Chapter- 09 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min			
09 December 2025 (Tuesday)	C-63 Chemistry: Chapter- 05	HM-72 H. Math: Chapter- 10		Daily Live Exam P-40 MCQ (10× 1=10); 10 min. Daily Live Exam HM-28 MCQ (10× 1=10); 10 min.
10 December 2025 (Wednesday)	HM-73 H. Math: Chapter- 10	C-64 Chemistry: Chapter- 05		Daily Live Exam C-63 MCQ (10× 1=10); 10 min. Daily Live Exam HM-72 MCQ (10× 1=10); 10 min.
11 December 2025 (Thursday)	HM-74 H. Math: Chapter- 10	Chemistry Problem Solving Class-05		Daily Live Exam HM-73 MCQ (10× 1=10); 10 min. Daily Live Exam C-64 MCQ (10× 1=10); 10 min.
12 December 2025 (Friday) Chapter-wise Exam-37	P-41 Physics: Chapter- 06	---		Daily Live Exam HM-74 MCQ (10× 1=10); 10 min.
	Physics 2nd Paper Chapter- 10 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.			
13 December 2025 (Saturday)	P-42 Physics: Chapter- 06	H.Math Problem Solving Class-05		Daily Live Exam P-41 MCQ (10× 1=10); 10 min.
14 December 2025 (Sunday)	P-43 Physics: Chapter- 06	---		Daily Live Exam P-42 MCQ (10× 1=10); 10 min
15 December 2025 (Monday)	P-44 Physics: Chapter- 06	---		Daily Live Exam P-43 MCQ (10× 1=10); 10 min

17 December 2025 (Wednesday) Chapter-wise Exam-38	Physics Problem Solving Class-05	---	Daily Live Exam **P-44** MCQ (10× 1=10); 10 min
	Chemistry 2nd Paper Chapter- 04 [Part-02 Lecture C-57 to 60]; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.		
18 December 2025 (Thursday) Chapter-wise Exam-39	**Physics 2nd Paper Chapter- 11 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.**		
19 December 2025 (Friday) Chapter-wise Exam-40	Guideline Seminar -04		
	Chemistry 2nd Paper Chapter- 05 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.		
20 December 2025 (Saturday)	**Classes and exams will be closed.**		
21 December 2025 (Sunday) Chapter-wise Exam-41	**H.Math 2nd Paper Chapter- 05 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.**		
22 December 2025 (Monday) Chapter-wise Exam-42	**Physics 2nd Paper Chapter- 06 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min**		
23 December 2025 (Tuesday) Chapter-wise Exam-43	**H.Math 2nd Paper Chapter- 10 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10× 1=10); Time: 10min.**		

Paper Final Exam Routine

Day & Date	Subject & Syllabus	Exam Name, Type, Mraks & Time	Set	Exam Time
26 December 2025 (Friday)	Physics 2nd Paper (Full Chapter)	**Paper Final Exam Physics.** **CQ** (5×10=50); 2:30 Hrs. & **MCQ** (25×1=25); 25 min.	**Board Standard** CQ 1 set & MCQ 1 set	**Online** From 8:00 AM to 11:55 PM **Offline** From 9:00 AM to 5:00 PM
28 December 2025 (Sunday)	Chemistry 2nd Paper (Full Chapter)	**Paper Final Exam Chemistry.** **CQ** (5×10=50); 2:30 Hrs. & **MCQ** (25×1=25); 25 min.		
30 December 2025 (Wednesday)	H.Math 2nd Paper (Full Chapter)	**Paper Final Exam H.Math.** **CQ** (5×10=50); 2:30 Hrs. & **MCQ** (25×1=25); 25 min.		
01 January 2026 (Thursday)	Biology 1st Paper Chapte-7,8,9,10,11,12 Biology 2nd Paper Chapte-7,8,9,10,11,12	**Paper Final Exam Biology.** **CQ** (5×10=50); 2:30 Hrs. & **MCQ** (25×1=25); 25 min.		
The routine can change or be modified in case of special necessities				
End				

Online Class and Exam Procedure:

- To participate in classes and exams, visit 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 উচ্ছ্বাস-উন্মেষ).

HSC 2nd Year Academic Program Progressive Batch (Class & Exam Syllabus-5)

Physics 2nd Paper Reference Book: সাহালাল TEXT		
Chapter	**Lecture**	**Lecture-based discussion topics**
Chapter- 6 Geometrical Optics	P-37	Reflection of Light, Mirrors, Refraction of Light, Refractive Index, General Form of Snell's Law, Image Formation Due to Refraction, Critical Angle.
	P-38	Fermat's Principle, Concept of Fermat's Principle, Refraction at a Spherical Surface, Sign Conventions and Related Mathematical Problems.
	P-39	Lenses, Types of Lenses, Functioning of Lenses, Essential Quantities Related to Lenses, Ray Diagrams in Lenses, Image of an Extended Object.
	P-40	Lens Formula, Lens Maker's Formula, and General Mathematical Problems.
	P-41	CQ & Admission Standard Mathematical Problems on Lenses, Power of a Lens, Combination of Lenses, and Equivalent Lens.
	P-42	Prism, Refraction of Light in a Prism, Prism, Spectrum, Dispersion of Light, Newton's Experiment, and General Mathematical Problems on Prisms.

	P-43	CQ & Admission Standard Mathematical Problems on Prisms, Optical Instruments, Human Eye, Vision Aids or Optical Instruments, Various Types of Microscopes and Their Variants, and General Mathematical Problems.
	P-44	Telescope and General Mathematical Problems, CQ & Admission Standard Mathematical Problems on Optical Instruments
Chapter- 10 Semi-Conductor & Electronics	P-64	Structure of transistor, Basic combinations of transistors, Mechanism of p-n-p transistor, Properties of a transistor
	P-65	Use of transistor as an amplifier, Use of transistor as a switch, Applying Kirchhoff's law in a transistor.
	P-66	Numeric system, Introduction to various numeric system, Transformation of various numeric system, Binary addition, subtraction, multiplication and division.
Chapter- 11 Astronomy	P-67	The Mystery of the Creation of the Universe; The Fate of the Universe in the Light of Physics.
	P-68	Fundamental Matter and Events of the Universe, Principles—Radio Telescope, Optical Telescope, Gamma and X-rays, Artificial Satellites.

Chemistry 2nd paper Reference Book: প্যারালাল TEXT		
Chapter	**Lecture**	**Lecture-based discussion topics**
Chapter- 4 Electro-chemistry	C-57	Nernst equation derivation+ related math.
	C-58	Structure of chemical cell and converting electric energy into chemical energy, single and duel channel cell, electrolytic cell, structure and characterisrtics of galvanic cell.
	C-59	Rechargable battery(lead storage & lithium), pros and cons of these batteries, benefit of using lithium ion battery, fuel cell and it's varients, anode & cathod of fuel cell, comparison between fuel cell and battery.
	C-60	structure of hydrogen fuel cell & chemical reaction, PEM fuel cell, benefit of hydrogen fuel cell, pH meter & it's usage, determining pH by using pH meter+ related math.
Chapter- 5 Economical chemistry	C-61	gas fields in bangladesh, components of natural gas, coal field in bangladesh,, usage of coal and it's quality, possibilities in bd according to the resource, remarkable industry based on resources in bangladesh, principle of urea preparation
	C-62	Principle of glass preparation, Principle of ceramic preparation, Principle of paper preparation, Principle of cement preparation, Principle of leather tanning, pollutants of cemant industry, pollutants of urea industry, pollutants of leather industry, pollutants of textile industry
	C-63	Principle to maintain air pollution, ETP Principle, recycling of iron, alluminium, glass, paper, plastic, social and environmental usage of iron.
	C-64	Importance of recycling of iron, alluminium, glass,paper, plastic, pros and cons of using coal based electric field, nano particles, comparison between nano particles and molecules, industrial use of nano particles.

H.Math 2nd Paper Reference Book: প্যারালাল TEXT		
Chapter	**Lecture**	**Lecture-based discussion topics**
Chapter- 5 Binomial expansions	HM-27	Exercise-5.2; Convergence of binomial series related, finding common terms.
	HM-28	Exercise-5.2; Finding coefficients related, finding sum of series using expansion, largest possible term.
Chapter- 9 Motion of particles in a plane	HM-64	Exercise-9.3; Train collision, distance covered in t-th second. Exercise-9.4; Freely falling object and its laws.
	HM-65	Exercise-9.4; Object thrown downwards from a certain height, Maximum height and flight time of an object thrown above the ground, Object thrown upwards from a certain height.
	HM-66	Exercise-9.4; Speed of an object thrown from a moving platform, Object falling into a well; Exercise-9.5; Motion of a particle projected on a vertical surface (projectile), determination of the position and velocity of the particle at a given time, determination of the velocity and direction of the particle at a given height.
	HM-67	Exercise-9.5; Equation of various quantities of projectile (range, maximum height, travel time).
	HM-68	Exercise-9.5; Equation of the trajectory of projectile, projectile thrown from a given height.
Chapter- 10 Measures of Dispersions and Probability	HM-69	Exercise-10.1; Categorized and uncategorized data, population, Population census, mean, median, standard deviation, central tendency, measure of dispersion, range, coefficient of range, mean deviation, coefficient of mean deviation.
	HM-70	Exercise-10.1; Variance, standard deviation, quartile deviation, coefficient of quartile deviation.
	HM-71	Exercise-10.2; Concept of probability, topics related to probability, sample area, event, probability measurement.
	HM-72	Exercise-10.2; Probability relation for mutually exclusive and non-exclusive events, probability multiplication formula, conditional probability.
	HM-73	Exercise-10.2; Complementary events; Determining probability using binomial distribution.
	HM-74	Exercise-10.2; Probability and permutation combination.