

HSC 2nd Year Academic Program Pioneer Batch
Class & Exam Routine-04
Helpline
09 666 77 55 66

Date & Day	Live Class-01 2:30pm	Live Class-02 6:30pm	Live Exam Online: From 8:00am to 11:55pm
23 August 2026 (Sunday)	Chemistry (C-57)	H.Math (HM-64)	Daily Live Exam Z-20 MCQ (10×1=10); 10 min. Daily Live Exam P-39 MCQ (10×1=10); 10 min.
24 August 2026 (Monday)	Physics (P-63)	H.Math (HM-54)	Daily Live Exam C-57 MCQ (10×1=10); 10 min. Daily Live Exam HM-64 MCQ (10×1=10); 10 min.
25 August 2026 (Tuesday)	Zoology (Z-26)	Physics (P-40)	Daily Live Exam P-63 MCQ (10×1=10); 10 min. Daily Live Exam HM-54 MCQ (10×1=10); 10 min.
26 August 2026 (Wednesday)	Physics (P-64)	H.Math (HM-65)	Daily Live Exam P-64 MCQ (10×1=10); 10 min. Daily Live Exam HM-65 MCQ (10×1=10); 10 min.
27 August 2026 (Thursday)	Zoology (Z-21)	Physics (P-41)	Daily Live Exam Z-26 MCQ (10×1=10); 10 min. Daily Live Exam P-40 MCQ (10×1=10); 10 min.
28 August 2026 (Friday)	Biology Problem Solving Class-04		
29 August 2026 (Saturday)	H.Math Problem Solving Class-06		
30 August 2026 (Sunday)	Chemistry (C-58)	H.Math (HM-66)	Daily Live Exam Z-21 MCQ (10×1=10); 10 min. Daily Live Exam P-41 MCQ (10×1=10); 10 min.
31 August 2026 (Monday)	Physics (P-65)	H.Math (HM-55)	Daily Live Exam C-58 MCQ (10×1=10); 10 min. Daily Live Exam HM-66 MCQ (10×1=10); 10 min.
01 September 2026 (Tuesday)	Zoology (Z-27)	Physics (P-42)	Daily Live Exam P-65 MCQ (10×1=10); 10 min. Daily Live Exam HM-55 MCQ (10×1=10); 10 min.
02 September 2026 (Wednesday)	Physics (P-66)	H.Math (HM-67)	Daily Live Exam Z-27 MCQ (10×1=10); 10 min. Daily Live Exam P-42 MCQ (10×1=10); 10 min.
03 September 2026 (Thursday)	Zoology (Z-22)	Physics (P-43)	Daily Live Exam P-66 MCQ (10×1=10); 10 min. Daily Live Exam HM-67 MCQ (10×1=10); 10 min.
04 September 2026 (Friday)	Chemistry Problem Solving Class-06		
Chapter-wise Exam-29	Physics 2nd Paper Chapter-10 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
05 September 2026 (Saturday)	Zoology Chapter-10 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
Chapter-wise Exam-30			
06 September 2026 (Sunday)	Chemistry (C-59)	H.Math (HM-68)	Daily Live Exam Z-22 MCQ (10×1=10); 10 min. Daily Live Exam P-43 MCQ (10×1=10); 10 min.
07 September 2026 (Monday)	Physics (P-58)	H.Math (HM-56)	Daily Live Exam C-59 MCQ (10×1=10); 10 min. Daily Live Exam HM-68 MCQ (10×1=10); 10 min.
08 September 2026 (Tuesday)	Zoology (Z-28)	Physics (P-44)	Daily Live Exam P-58 MCQ (10×1=10); 10 min. Daily Live Exam HM-56 MCQ (10×1=10); 10 min.
09 September 2026 (Wednesday)	Physics (P-59)	H.Math (HM-69)	Daily Live Exam Z-28 MCQ (10×1=10); 10 min. Daily Live Exam P-44 MCQ (10×1=10); 10 min.
10 September 2026 (Thursday)	Chemistry (C-61)	Physics (P-45)	Daily Live Exam P-59 MCQ (10×1=10); 10 min. Daily Live Exam HM-69 MCQ (10×1=10); 10 min.
11 September 2026 (Friday)	Physics Problem Solving Class-05		
Chapter-wise Exam-31	H.Math 2nd Paper Chapter-09 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
12 September 2026 (Saturday)	Zoology Chapter-11 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
Chapter-wise Exam-32			
13 September 2026 (Sunday)	Chemistry (C-60)	H.Math (HM-70)	Daily Live Exam C-61 MCQ (10×1=10); 10 min. Daily Live Exam P-45 MCQ (10×1=10); 10 min.
14 September 2026 (Monday)	Physics (P-60)	H.Math (HM-57)	Daily Live Exam C-60 MCQ (10×1=10); 10 min. Daily Live Exam HM-70 MCQ (10×1=10); 10 min.
15 September 2026 (Tuesday)	Zoology (Z-29)	Physics (P-46)	Daily Live Exam P-60 MCQ (10×1=10); 10 min. Daily Live Exam HM-57 MCQ (10×1=10); 10 min.
16 September 2026 (Wednesday)	H.Math (HM-71)	Chemistry (C-62)	Daily Live Exam Z-29 MCQ (10×1=10); 10 min. Daily Live Exam P-46 MCQ (10×1=10); 10 min.
17 September 2026 (Thursday)	Chemistry (C-63)	Physics (P-47)	Daily Live Exam HM-71 MCQ (10×1=10); 10 min. Daily Live Exam C-62 MCQ (10×1=10); 10 min.
18 September 2026 (Friday)	Physics 2nd Paper Chapter-06 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
Chapter-wise Exam-33			
19 September 2026 (Saturday)	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.		
Chapter-wise Exam-34			

20 September 2026 (Sunday)	Chemistry (C-64)	H.Math (HM-72)	Daily Live Exam C-63 MCQ (10×1=10); 10 min. Daily Live Exam P-47 MCQ (10×1=10); 10 min.
21 September 2026 (Monday) Chapter-wise Exam-35	Zoology (Z-30)	Zoology (Z-31)	Daily Live Exam C-64 MCQ (10×1=10); 10 min. Daily Live Exam HM-72 MCQ (10×1=10); 10 min.
	Physics 2nd Paper Chapter-09 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
22 September 2026 (Tuesday)	Botany (B-20)	Physics (P-48)	Daily Live Exam Z-30 MCQ (10×1=10); 10 min. Daily Live Exam Z-31 MCQ (10×1=10); 10 min.
23 September 2026 (Wednesday)	Physics (P-67)	H.Math (HM-73)	Daily Live Exam B-20 MCQ (10×1=10); 10 min. Daily Live Exam P-48 MCQ (10×1=10); 10 min.
24 September 2026 (Thursday)	Botany (B-21)	Physics (P-49)	Daily Live Exam P-67 MCQ (10×1=10); 10 min. Daily Live Exam HM-73 MCQ (10×1=10); 10 min.
25 September 2026 (Friday) Chapter-wise Exam-36	Chemistry Problem Solving Class-07		
	Chemistry 2nd Paper Chapter-05 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
26 September 2026 (Saturday) Chapter-wise Exam-37	Zoology Chapter-12 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
27 September 2026 (Sunday)	Botany (B-22)	H.Math (HM-74)	Daily Live Exam B-21 MCQ (10×1=10); 10 min. Daily Live Exam P-49 MCQ (10×1=10); 10 min.
28 September 2026 (Monday) Chapter-wise Exam-38	Botany (B-23)	H.Math (HM-58)	Daily Live Exam B-22 MCQ (10×1=10); 10 min. Daily Live Exam HM-74 MCQ (10×1=10); 10 min.
	Botany Chapter-11 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
29 September 2026 (Tuesday)	Botany (B-24)	Physics (P-50)	Daily Live Exam B-23 MCQ (10×1=10); 10 min. Daily Live Exam HM-58 MCQ (10×1=10); 10 min.
30 September 2026 (Wednesday)	Physics (P-68)	Botany (B-25)	Daily Live Exam B-24 MCQ (10×1=10); 10 min. Daily Live Exam P-50 MCQ (10×1=10); 10 min.
01 October 2026 (Thursday) Chapter-wise Exam-39	H.Math Problem Solving Class-07		Daily Live Exam P-68 MCQ (10×1=10); 10 min. Daily Live Exam B-25 MCQ (10×1=10); 10 min.
	H.Math 2nd Paper Chapter-08 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
02 October 2026 (Friday) Chapter-wise Exam-40	Biology Problem Solving Class-05		
	H.Math 2nd Paper Chapter-10 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
03 October 2026 (Saturday) Chapter-wise Exam-41	Physics Problem Solving Class-06		
	Botany Chapter-12 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
04 October 2026 (Sunday) Chapter-wise Exam-42	Course Completion and HSC Preparation Guidelines Seminar		
	Physics 2nd Paper Chapter-07 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
05 October 2026 (Monday) Chapter-wise Exam-43	Physics 2nd Paper Chapter-11 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		

Course Final Exam Routine				
Day & Date	Subject & Syllabus	Exam Name, Type, Mraks & Time	Set	Exam Time
07 October 2026 (Wednesday)	Physics 2nd Paper (All Chapter)	Course Final Exam Physics. CQ (5×10=50); 2:30 Hrs. & MCQ (25×1=25); 25 min.	Board Standard CQ 1 set & MCQ 1 set	<u>Online</u> From 8:00am to 11:55am <u>Offline</u> From 9:00am to 5:00pm
09 October 2026 (Friday)	Chemistry 2nd Paper (All Chapter)	Course Final Exam Chemistry. CQ (5×10=50); 2:30 Hrs. & MCQ (25×1=25); 25 min.		
11 October 2026 (Sunday)	H.Math 2nd Paper (All Chapter)	Course Final Exam H.Math. CQ (5×10=50); 2:30 Hrs. & MCQ (25×1=25); 25 min.		
13 October 2026 (Tuesday)	Biology 1st Paper Chapter-7,8,9,10,11,12	Course Final Exam Biology. CQ (5×10=50); 2:30 Hrs. & MCQ (25×1=25); 25 min.		
	Biology 2nd Paper Chapter-7,8,9,10,11,12			
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 উদ্ভাস-উল্লাস**).

2nd Year Pioneer Batch Syllabus-04

Physics 2nd Paper		
Chapter	Chapter	Chapter
Chapter-6 Geometrical Optics	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-7 Physical Optics	P-45	Primary concepts of light, Newton's particle theory, Electromagnetic wave, Pointing vector, Electromagnetic spectrum, Wave and wavefront, Huygen's wave theory.
	P-46	Explanation of reflection and refraction with Huygen's theorem, Superposition of Wave, Coherent source.
	P-47	Interference, Young's double slit experiment, Central maximum, Position of light and dark points, Constructive interference, Destructive interference, Fringe distance, Fringe width, General Mathematical problems.
	P-48	CQ & Admission Standard Mathematical problems related to Interference.
	P-49	Diffraction, Fraunhofer diffraction, Grating diffraction.
	P-50	Polarization of light, Malus' Law, Intensity of light in polarization, Polarization in double refraction.
Chapter-9 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.
Chapter-10 Semi-Conductor & Electronics	P-63	General mathematical problems related to Diode, use of diode as a rectifier.
	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		
Chapter	Chapter	Chapter
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 dual channel cell, electrolytic cell, structure and characteristics of galvanic cell.
	C-59	Rechargeable battery(lead storage & lithium), pros and cons of these batteries, benefit of using lithium ion battery, fuel cell and it's variants, anode & cathode 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 Economic 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 cement 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, aluminium, glass, paper, plastic, social and environmental usage of iron.
	C-64	Importance of recycling of iron, aluminium, 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		
Chapter	Chapter	Chapter
Chapter-8 Statics	HM-54	Exercise-8.2; Problems related to proof of equilibrium using the theorem of resolved parts, equilibrium of an inclined plane
	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.

	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.
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.

Botany		
Chapter	Chapter	Chapter
Chapter-11 Biotechnology	B-20	Plant tissue culture methods, applications of plant tissue culture.
	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.
Chapter-12 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		
Chapter	Chapter	Chapter
Chapter-10 Defence system of Human Body	Z-21	Antigens and antibodies: Structure, types, and function of antigens and antibodies.
	Z-22	Role of vaccines in immunity, types of vaccines, vaccination, vaccination program in Bangladesh, role of memory cells in body immunity.
Chapter-11 Genetics and Evolution	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.
Chapter-12 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.



দেশব্যাপী **উদ্ভাস-উন্মেষ** এর
শাখাসমূহের বিস্তারিত ঠিকানা
দেখতে **QR** কোডটি স্ক্যান করো

উদ্ভাস-উন্মেষ এর
App ডাউনলোড করতে
QR কোডটি স্ক্যান করো

