

HSC 2nd Year Academic Program Pioneer Batch

[Online/Combo]

Class & Exam Routine-04 (English Version)

Date & Day	Live Class: 1	Live Class: 2	Live Exam	Online: From 8:00am to 11:55pm
	2:30pm	6:30pm		Offline: From 9:00am to 5:00pm
26 September 2025 (Friday)	P-51 Physics: Chapter-08	C-52 Chemistry: Chapter-04	Daily Live Exam B-22 MCQ (10×1=10); 10 min. Daily Live Exam C-51 MCQ (10×1=10); 10 min.	
27 September 2025 (Saturday)	P-52 Physics: Chapter-08	HM-54 H.Math: Chapter-08	Daily Live Exam P-51 MCQ (10×1=10); 10 min. Daily Live Exam C-52 MCQ (10×1=10); 10 min.	
28 September 2025 (Sunday) Chapter-wise Exam-28	Physics 2nd Paper Chapter-07 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.			
29 September 2025 (Monday)	Z-29 Zoology: Chapter-12	C-53 Chemistry: Chapter-04	Daily Live Exam P-52 MCQ (10×1=10); 10 min. Daily Live Exam HM-54 MCQ (10×1=10); 10 min.	
Online classes and exams will be closed from September 30 to October 04 on the occasion of Sharadiya Durga Puja.				
05 October 2025 (Sunday) Chapter-wise Exam-29	Chemistry 2nd Paper Chapter-03 [Part-02 Lecture C-45 to 50]; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.			
06 October 2025 (Monday)	Z-30 Zoology: Chapter-12	C-54 Chemistry: Chapter-04	Daily Live Exam Z-29 MCQ (10×1=10); 10 min. Daily Live Exam C-53 MCQ (10×1=10); 10 min.	
07 October 2025 (Tuesday) Chapter-wise Exam-30	Botany Chapter-11 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.			
08 October 2025 (Wednesday)	Z-31 Zoology: Chapter-12	HM-45 H.Math: Chapter-07	Daily Live Exam Z-30 MCQ (10×1=10); 10 min. Daily Live Exam C-54 MCQ (10×1=10); 10 min.	
09 October 2025 (Thursday)	P-53 Physics: Chapter-08	H.Math Problem Solving Class-05	Daily Live Exam Z-31 MCQ (10×1=10); 10 min. Daily Live Exam HM-45 MCQ (10×1=10); 10 min.	
10 October 2025 (Friday)	P-54 Physics: Chapter-08	C-55 Chemistry: Chapter-04	Daily Live Exam P-53 MCQ (10×1=10); 10 min. ---	
11 October 2025 (Saturday)	---	HM-55 H.Math: Chapter-08	Daily Live Exam P-54 MCQ (10×1=10); 10 min. Daily Live Exam C-55 MCQ (10×1=10); 10 min.	
12 October 2025 (Sunday) Chapter-wise Exam-31	Zoology Chapter-12 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.			
13 October 2025 (Monday)	P-55 Physics: Chapter-08	C-56 Chemistry: Chapter-04	--- Daily Live Exam HM-55 MCQ (10×1=10); 10 min.	
14 October 2025 (Tuesday)	B-23 Botany: Chapter-12	---	Daily Live Exam P-55 MCQ (10×1=10); 10 min. Daily Live Exam C-56 MCQ (10×1=10); 10 min.	
15 October 2025 (Wednesday)	B-24 Botany: Chapter-12	HM-46 H.Math: Chapter-07	Daily Live Exam B-23 MCQ (10×1=10); 10 min. ---	
16 October 2025 (Thursday)	Physics Problem Solving Class-05 (Evening- 6:45pm)			
17 October 2025 (Friday)	---	C-57 Chemistry: Chapter-04	Daily Live Exam B-24 MCQ (10×1=10); 10 min. Daily Live Exam HM-46 MCQ (10×1=10); 10 min.	
18 October 2025 (Saturday)	B-25 Botany: Chapter-12	HM-56 H.Math: Chapter-08	Daily Live Exam C-57 MCQ (10×1=10); 10 min. ---	
19 October 2025 (Sunday) Chapter-wise Exam-33	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.			
20 October 2025 (Monday)	P-56 Physics: Chapter-09	C-58 Chemistry: Chapter-04	Daily Live Exam B-26 MCQ (10×1=10); 10 min. Daily Live Exam HM-56 MCQ (10×1=10); 10 min.	
21 October 2025 (Tuesday) Chapter-wise Exam-34	H.Math 2nd Paper Chapter-07 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.			
The next class and exam routine (Part-05) will be published...				
The routine can change or be modified in case of special necessities				

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 subject**. 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 Pioneer Batch (Class & Exam Syllabus-04)

Physics 2nd Paper Reference Book:		
Chapter	Lecture	Lecture-based discussion topics
Chapter-8 Introduction of Modern Physics	P-51	Concept of modern physics, Intertial and non-inertial reference frame, Relation between various inertial reference frame, Michelson-Morley's experiment, Special theory of relativity, Galilium transformation, Lorentz transformation.
	P-52	Time dilation, Length contraction, Relativity of mass, General mathematical problems related to relativity.
	P-53	CQ & Admission Standard mathematical problems related to relativity, Relation of mass-energy, Momentum of light, Fundamental force, Travelling in space, Black-body radiation and atomic mass unit.
	P-54	Photo-electric effects, Limitations of electromagnetic theory of light, Theory of Photon and photoelectric effect.
	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.

Chemistry 2nd Paper Reference Book:		
Chapter	Lecture	Lecture-based discussion topics
Chapter-4 Electro-chemistry	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.
	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.

H.Math 2nd Paper Reference Book: শ্যামালাল TEXT		
Chapter	Lecture	Lecture-based discussion topics
Chapter-7 Inverse Trigonometric Functions and Trigonometric Equations	HM-45	Exercise-7.2; Solve secant/cosecant related problems using the formula for $\tan(x + y)$.
	HM-46	Exercise-7.2; Solution from the sum of trigonometric expressions, solution from the product of trigonometric expressions.
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.

Botany Reference Book: শ্যামালাল TEXT		
Chapter	Lecture	Lecture-based discussion topics
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 Reference Book: শ্যামালাল TEXT		
Chapter	Lecture	Lecture-based discussion topics
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.



উদ্ভাস

একাডেমিক এন্ড এডমিশন কেয়ার



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