HSC 1st Year Academic Program Pioneer Batch [Online/Combo]

Last Part Class & Exam Routine -06

| Date & Day | Live Class: 1 | Live Class: 2 | Live Exam | Online: From 8:00am to 11:55pm |
	2:30 pm	6:30pm		Offline: From 9:00am to 5:00pm
21 January 2026 (Wednesday)	**B-33** Botany: Chapter-07	**HM-34** H.Math: Chapter-04	Daily Live Exam **HM-33** MCQ (10×1=10); 10 min.
22January 2026 (Thursday)	**HM-81** H.Math: Chapter-10	**HM-82** H.Math: Chapter-10	Daily Live Exam **B-33** MCQ (10×1=10); 10 min. Daily Live Exam **HM-34** MCQ (10×1=10); 10 min.
23 January 2026 (Friday) **Chapter-wise Exam-36**	Zoology Chapter-05 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min			
24 January 2026 (Saturday) **Chapter-wise Exam-37**	H.Math 1st Paper Chapter-04 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min			
25 January 2026 (Sunday)	**P-57** Physics: Chapter-9	**P-58** Physics: Chapter-9	Daily Live Exam **HM-81** MCQ (10×1=10); 10 min. Daily Live Exam **HM-82** MCQ (10×1=10); 10 min.
26 January 2026 (Monday)	**HM-35** H.Math: Chapter-05	**HM-36** H.Math: Chapter-05	Daily Live Exam **P-57** MCQ (10×1=10); 10 min. Daily Live Exam **P-58** MCQ (10×1=10); 10 min.
January 27, 2026 (Tuesday)	**HM-83** H.Math: Chapter-10	**HM-84** H.Math: Chapter-10	Daily Live Exam **HM-35** MCQ (10×1=10); 10 min. Daily Live Exam **HM-36** MCQ (10×1=10); 10 min.
28 January 2026 (Wednesday)	**P-59** Physics: Chapter-9	**HM-85** Physics: Chapter-9	Daily Live Exam **HM-83** MCQ (10×1=10); 10 min. Daily Live Exam **HM-84** MCQ (10×1=10); 10 min.
January 29, 2026 (Thursday)	**B-34** Botany: Chapter-07	**Z-31** Zoology: Chapter-06	Daily Live Exam **P-59** MCQ (10×1=10); 10 min. Daily Live Exam **HM-85** MCQ (10×1=10); 10 min.
30 January 2026 (Friday) **Chapter-wise Exam-38**	H.Math 1st Paper Chapter-10 [Part-01 Lecture HM-77 to 82]; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.			
31 January 2026 (Saturday) **Chapter-wise Exam-39**	Botany Chapter-07 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min			
01 February 2026 (Sunday)	**Z-32** Zoology: Chapter-06	Biology Problem Solving Class-06	Daily Live Exam **B-34** MCQ (10×1=10); 10 min. Daily Live Exam **Z-31** MCQ (10×1=10); 10 min.
02 February 2026 (Monday)	**HM-37** H.Math: Chapter-05	**HM-38** H.Math: Chapter-05	Daily Live Exam **Z-32** MCQ (10×1=10); 10 min.
03 February 2026 (Tuesday)	**HM-86** H.Math: Chapter-10	**HM-87** H.Math: Chapter-10	Daily Live Exam **HM-37** MCQ (10×1=10); 10 min. Daily Live Exam **HM-38** MCQ (10×1=10); 10 min.
04 February 202 (Wednesday)	**P-60** Physics: Chapter-9	**HM-88** H.Math: Chapter-10	Daily Live Exam **HM-86** MCQ (10×1=10); 10 min. Daily Live Exam **HM-87** MCQ (10×1=10); 10 min.
05 February 2026 (Thursday)	Physics Problem Solving Class-06	**HM-09** H.Math: Chapter-02	Daily Live Exam **P-60** MCQ (10×1=10); 10 min. Daily Live Exam **HM-88** MCQ (10×1=10); 10 min.
06 February 2026 (Friday) **Chapter-wise Exam-40**	Zoology Chapter-06 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min			
07 February 2026 (Saturday) **Chapter-wise Exam-41**	Physics 1st Paper Chapter-09 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min			
08 February 2026 (Sunday)	**HM-10** H.Math: Chapter-02	**HM-11** H.Math: Chapter-02	Daily Live Exam **HM-09** MCQ (10×1=10); 10 min.
09 February 2026 (Monday)	**HM-39** H.Math: Chapter-05	**HM-40** H.Math: Chapter-05	Daily Live Exam **HM-10** MCQ (10×1=10); 10 min. Daily Live Exam **HM-11** MCQ (10×1=10); 10 min.

All classes and exams will be closed on the occasion of the National Assembly elections (February 10 to February 14).			
15 February 2026 (Sunday)	**HM-12** H.Math: Chapter-02	H.Math Problem Solving Class-07	Daily Live Exam **HM-39** MCQ (10×1=10); 10 min.
			Daily Live Exam **HM-40** MCQ (10×1=10); 10 min.
16 February 2026 (Monday) **Chapter-wise Exam-42**	Guideline Seminar-06		
	H.Math 1st Paper Chapter-10 [Part-02 Lecture HM-83 to 88]; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.		
17 February 2026 (Tuesday) **Chapter-wise Exam-43**	H.Math 1st Paper Chapter-02 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min		
18 February 202 (Wednesday **Chapter-wise Exam-44**	H.Math 1st Paper Chapter-05 (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min		

- **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 5:0

HSC 1st YeaAcademic Program Pioneer Batch (Class & Exam Syllabus-06)

Physics 1 st Paper Reference Book: मातালाল TEXT		
Chapter	**Lecture**	**Lecture-based discussion**
Chapter-9 Wave	P-57	Wave interference, stationary waves.
	P-58	Beats or sound modulation.
	P-59	Free and forced vibrations, resonance, wave intensity, standard intensity and intensity level, harmonics and sound spectrum, audible sound, musical notes and tones.
	P-60	Vibration in a stretched string, vibration in air columns, and mathematical problems.

H.Math 1 st Paper Reference Book: मातালাল TEXT		
Chapter	**Lecture**	**Lecture-based discussion**
Chapter-10 Integration	HM-81	Exercise – 10.3; Fractions and irrational shape of quadratic expressions, in case of $\int \frac{ax+b}{cx+d}\,dx$, $\int \frac{ax+b}{\sqrt{cx+d}}\,dx$, $\int \frac{ax+b}{(cx+d)^n}\,dx$ shape, $a^2 + x^2$, $a^2 - x^2$, $x^2 - a^2$ related, of shape $\int \frac{dx}{a\cos^2 x + b\sin^2 x + c}$.
	HM-82	Exercise – 10.3; Of shape $\int \sqrt{\frac{a+x}{a-x}}\,dx$, $\int \frac{\sqrt{ax+b}}{\sqrt{cx+d}}\,dx$, $\int \frac{a\cos x + b\sin x}{c\cos x + d\sin x}\,dx$; , $\int \frac{dx}{a+be^{mx}}$, $\int \frac{dx}{a+be^{-mx}}$ and $\int \frac{dx}{ae^{mx}+be^{-mx}}$, $\int \frac{e^{mx}+e^{nx}}{e^{px}+e^{qx}}\,dx$ where, $m - n = p - q$, $\int \frac{dx}{g(x)\sqrt{\phi(x)}}$; where $g(x)$ and $\phi(x)$ are polynomial function.
	HM-83	Exercise – 10.4; Integration by parts, use of LIATE, (Determining integration by parts), $\int \sec^n x\ dx$;
	HM-84	Exercise – 10.4; $\int e^{ax}\{a\,f(x) + f'(x)\}dx$, Exercise – 10.5; Integration using partial fractions, $\frac{x}{(x-1)(x-2)}$, $\frac{x}{(x-1)^2(x-2)}$, $\frac{x}{(x-1)(x^2+1)}$, $\frac{x^3}{(x-1)(x-2)(x-3)}$.
	HM-85	Exercise – 10.6; Concept of definite integral, properties of definite integral, Fundamental theorem of calculus, use of fundamental theorem of calculus, substitution method in case of definite integral, problems related to use of substitution method in case of definite integral.
	HM-86	Exercise – 10.6; Special properties of definite integral, area with net sign, definite integration of even and odd functions, integration of functions with absolute value, integration by graph shifting.
	HM-87	Exercise-10.7; Area determination by integration, Area of the region bounded by the line y=f(x) and the x-axis within a certain limit, Area of the region bounded by the line x=f(y) and the y-axis within a certain limit, Area of the region bounded by two curves and two straight lines parallel to the y-axis (area determination with respect to the x-axis), Area of the region bounded by two curves and two straight lines parallel to the x-axis (area determination with respect to the y-axis), Difference between integration and area.
	HM-88	Exercise – 10.7; Symmetry, Area determination related problems.

Chapter-4 Circle	HM-34	Exercise - 4.2; Determining the number of common tangents of two circles and their equations, Polar equation of a circle, Parametric equation of a circle.
Chapter-5 Permutations and Combinations	HM-35	Exercise – 5.1; Addition and multiplication rules of counting, permutation, use of factorial and ^nP_r formula.
	HM-36	Exercise – 5.1; permutation of objects that are not all different, total arrangement of all n different letters (things), permutation of such cases where repetitions can occur, in such cases permutation, How many letters (or objects) can be put together or not, How many specific letters (or objects) can never be put together, the position of a letter (or object) is fixed.
	HM-37	Exercise – 5.1; Regarding rearrangement, certain letters (or objects) will not change the order Change in relative position of certain letters (or objects), permutation of certain letters from words with different letters, formation of numbers of certain digits, formation of odd numbers, formation of even numbers, numbers smaller and greater than a certain number.
	HM-38	Exercise – 5.1; Cycle permutation, Exercise – 5.2; Combination, difference between permutation and combination, complementary combination, problems related to the use of ^nC_r formula, selection related.
	HM-39	Exercise – 5.1; Conditional combination-including or excluding a certain number of objects, Exercise – 5.2; Word formation through combination.
	HM-40	Exercise – 5.2; formation of groups or committees, determination of generative number, formation of straight lines, triangles, polygons, diagonals and planes from points, Determination of intersection point, division into groups or groups, problems related to division into groups or groups, divisibility.
Chapter-2 Vector	HM-09	Exercise - 2; Quantities, vectors, types of quantities or different types of vectors, vector addition, vector subtraction, internal and external division of a segment between two points, geometric proof problems using the concept of vector addition and subtraction.
	HM-10	Exercise - 2; Vector division (components of a vector), projection and component, expressing of a vector in a two-dimensional Cartesian coordinate system, expressing a vector in a three-dimensional Cartesian coordinate system, Problems related to addition and subtraction of vectors and determination of magnitude, determination of unit vectors in the direction, opposite direction or parallel to a vector, vector multiplication, multiplication of a vector quantity by a scalar quantity, dot multiplication of vectors (scalar multiplication).
	HM-11	Problems related to dot product of vectors and perpendicularity of two vectors, problems related to a vector lying in the same plane of another two vectors, problems related to determining the angle between two vectors, perpendicular projection of vectors and determination of components, vector/cross multiplication of vectors, cross product of vectors and problems related to two vectors being parallel.
	HM-12	Exercise - 2; Unit vector perpendicular to a plane formed by two vectors, some information about area, using vectors, problems related to finding the area of a polygon, volume of a cube and the condition for three vectors to be co-planar, vectors and Cartesian equations of a straight line in three-dimensional coordinate system, vectors and Cartesian equations of a straight line through two given points.

Biology 1st Paper Reference Book ম্যাগনালাল TEXT		
Chapter	**Lecture**	**Lecture-based discussion**
Chapter-7 Gymnosperms and Angiosperms	B-33	Inflorescence, Aestivation, Placentation, Fruits, Floral Formula, Floral Diagram
	B-34	Poaceae Family, Malvaceae Family, Differences between Poaceae and Malvaceae family, Differences between Monocot plant and dicot plant

Biology 2nd Paper Reference Book Reference Book: ম্যাগনালাল TEXT		
Chapter	**Lecture**	**Lecture-based discussion**
Chapter 6 Human Physiology: Waste and Excretion	Z-31	Ultrastructure of kidney-Nephron, Functions of nephron, physiology of excretion (production of nitrogenous waste and formation of urine), Urine
	Z-32	Role of kidney in excretion and osmoregulation, kidney failure, dialysis, kidney transplant, hormonal action