

HSC 2nd Year Academic Program

Pioneer Batch

Online Batch Time

English Version – 3:00pm

Class & Exam
(New Routine)

Online Exam Time

From 9:00am to 11:00pm

Part-01		
Date & Day	Live Class	Live Exam
13 August 2024 (Tuesday)	Live Class (P-17+18) Physics: Chapter – 03	Daily Live Exam (B-31+32) MCQ (10×1=10); 10 min.
14 August 2024 (Wednesday)	Live Class (HM-27+28) H.Math: Chapter – 07	Daily Live Exam (P-17+18) MCQ (10×1=10); 10 min.
15 August 2024 (Thursday)	Live Class (HM-29+30) H.Math: Chapter – 07	Daily Live Exam (HM-27+28) MCQ (10×1=10); 10 min.
16 August 2024 (Friday)	Chapter-wise Exam [Chemistry 2nd Paper Chapter-02] (Part-02); Lecture C-19 to 26; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.	
17 August 2024 (Saturday)	Chapter-wise Exam [Botany Chapter-09] (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.	
18 August 2024 (Sunday)	Live Class (P-19+20) Physics: Chapter – 03	Daily Live Exam (HM-29+30) MCQ (10×1=10); 10 min.
19 August 2024 (Monday)	Live Class (C-29+30) Chemistry: Chapter – 02	Daily Live Exam (P-19+20) MCQ (10×1=10); 10 min.
20 August 2024 (Tuesday)	Live Class (C-31+32) Chemistry: Chapter – 02	Daily Live Exam (C-29+30) MCQ (10×1=10); 10 min.
21 August 2024 (Wednesday)	Live Class (HM-31+32) H.Math: Chapter – 07	Daily Live Exam (C-31+32) MCQ (10×1=10); 10 min.
22 August 2024 (Thursday)	Live Class (C-33+34) Chemistry: Chapter – 02	Daily Live Exam (HM-31+32) MCQ (10×1=10); 10 min.
23 August 2024 (Friday)	Chapter-wise Exam [Physics 2nd Paper Chapter-03] (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.	
Part-02		
25 August 2024 (Sunday)	Live Class (P-21+22) Physics: Chapter – 07	Daily Live Exam (C-33+34) MCQ (10×1=10); 10 min.
26 August 2024 (Monday)	Live Class (C-35+36) Chemistry: Chapter – 03	Daily Live Exam (P-21+22) MCQ (10×1=10); 10 min.
27 August 2024 (Tuesday)	Live Class (Z-33+34) Zoology: Chapter – 11	Daily Live Exam (C-35+36) MCQ (10×1=10); 10 min.
28 August 2024 (Wednesday)	Live Class (P-23+24) Physics: Chapter – 07	Daily Live Exam (Z-33+34) MCQ (10×1=10); 10 min.
29 August 2024 (Thursday)	Live Class (HM-15+16) H.Math: Chapter – 06	Daily Live Exam (P-23+24) MCQ (10×1=10); 10 min.
30 August 2024 (Friday)	Chapter-wise Exam [Chemistry 2nd Paper Chapter-02] (Part-03); Lecture C-27 to 34; (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.	
31 August 2024 (Saturday)	Chapter-wise Exam [H.Math 2nd Paper Chapter-07] (CQ 2×10=20); Time: 50min & (Pre-Admission MCQ 10×1=10); Time: 10min.	
Next class & exam routine (Part-03) will be published...		

Online Classes & Exam Procedure:

- * Go to this website udvash.com and click on 'Join Now' menu to give **Live Class & Exam. Login** to class 12th academic program Pioneer Batch using your admitted registration number to participate in classes and exams.
- * The **Daily Live Exam** will run from **09:00 am to 11:00 pm** as per the date mentioned in the routine. A student can participate in the **Live Exam** only once during this period. However, for more practice, students can participate in the **Practice Exam** of the same syllabus multiple times.

HSC 2nd Year Academic Pioneer Batch Course Syllabus (Online)

Physics 2nd Paper (Reference Book: UDVASH Parallel Text)		
Chapter	Chapter	Chapter
Chapter-3 Current Electricity	P-17	Voltage divider law, Current divider law, Shunt, Relation between shunt current and galvanometer current, Use of shunt on ammeter, Increasing the range of ammeter, Use of Shunt on voltmeter, Increasing the range of voltmeter.
	P-18	kWh, Rating of Electrical Devices, Rating of Voltage, Rating of Watt, Security Fuse, Voltage on various points of a circuit, Combination of cells, Series and parallel connection, Mixed connection.
	P-19	Kirchhoff's law: First law, second law, Wheatstone Bridge.
	P-20	Potentiometer, Meter Bridge.
Chapter-7 Physical Optics	P-21	Primary concepts of light, Newton's particle theory, Electromagnetic wave, Pointing vector, Electromagnetic spectrum, Wave and wavefront, Huygen's wave theory
	P-22	Explanation of reflection and refraction with Huygen's theorem, Superposition of Wave, Coherent source.
	P-23	Interference, Young's double slit experiment, Central maximum, Position of light and dark points.

P-24	Constructive interference, Destructive interference, Fringe distance, Fringe width.
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Chemistry 2nd Paper (Reference Book: **UDVASH** Parallel Text)

Chapter	Chapter	Chapter
Chapter-2 Organic Chemistry (Partial)	C-29	Benzene derivative- Aryl and everything of it, Phenol and everything of it.
	C-30	Toluene and everything of it, Aromatic Nitro compound and everything of it.
	C-31	Aniline and everything of it, Benzene Diazonium Chloride and everything of it.
	C-32	Aromatic aldehyde-ketone and everything of it.
	C-33	Benzoic acid and everything of it.
	C-34	Polymer and Plasticity- Introduction, Classification, Different polymer compounds, Organic polymer.
Chapter-3 Stoichiometric Chemistry (Partial)	C-35	Chemical Calculation and Concentration- Chemical calculation, Mole and mole number + Math, Molar mass and volume + Math.
	C-36	Determination of molar volume of products from chemical equation + Math, Determination of mass and volume of gaseous components, Limiting reactant.

H.Math 2nd Paper (Reference Book: **UDVASH** Parallel Text)

Chapter	Chapter	Chapter
Chapter-07 Inverse Trigonometric Functions & Trigonometric Equations	HM-27	Exercise – 7.1; Transformation of Inverse Trigonometric Functions, Formulae of Inverse Trigonometric Functions.
	HM-28	Exercise – 7.1; Problems on Determining the Values of Inverse Trigonometric Functions, Problems on Solutions & Proofs of Inverse Trigonometric Functions.
	HM-29	Exercise – 7.2; General Solutions of Trigonometric Equations, Solution of Trigonometric Equations in a Given Range, Quadratic Problems.
	HM-30	Exercise – 7.2; Extraneous Roots, Problems Related to $a \sin \theta + b \cos \theta = c$.
	HM-31	Exercise – 7.2; Solution Using the Formula of $(x + y)$, Problems Related to secant/cosecant.
	HM-32	Exercise – 7.2; Solution from the Sum of Trigonometric Equations, Solution from the Product of Trigonometric Equations.
Chapter-06 Conics	HM-15	Exercise – 6.1; Introduction and Characteristics of Conics (Sections of Conics, Different Components of Conics, Eccentricity)
	HM-16	Exercise – 6.1; Parabola, Standard Equation of Parabola, Axis shifting, Focal Distance.

Zoology (Reference Book: **UDVASH** Parallel Text)

Chapter	Chapter	Chapter
Chapter-11 Genetics and Evolution	Z-33	Genetics, Mendelian inheritance, explanation of some terms used in genetics, Mendel's First law and second law.
	Z-34	Deviations to the first formula (incomplete dominance, codominance), lethal genes

For any information regarding the online program contact the following numbers

Dhaka Branches: Mirpur-01713-236705, Rupnagar-01713-236734, Cantonment-01713-236724, Uttara-01713-236707, Mohammadpur-01713-236701
Science Lab.-01713-236706, Farmgate (Green Road)-01713-236710, Farmgate (Malek Tower)-01713-236711, Shantinagar-01713-236703
Malibagh-01713-236702, Motijheel-01713-236908, Basabo-01713-236722, Banshri-01713-236723, Laxmibazar-01713-236720, Jatrabari-01713-236719
Dania-01713-236718, Savar-01713-236721, Gazipur-01713-236746, Narayanganj-01713-236717, Konapara-01713-236757, Tongi-01713-236759
Bakshibazar-01713-236712, Khilgaon-01713-236768.

Branches outside Dhaka: Mymensingh (Natun Bazar)-01713-236716, Mymensingh (KB)-01713-236769, Kishoreganj-01713-236739, Netrokona- 01713-236767
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