

Udvash Academic and Admission care

Class 10 Academic Program-2023(Online)

Science (English version)

<ul style="list-style-type: none"> * Physics, Chemistry, H.math, Math, Biology and ICT. These 6 Subjects will be taught according to the full syllabus of class Ten. * Live Class will be held 5 days a week (Sunday-Thursday) through Zoom App. * Total lectures - 180 (double lecture classes will be held every day). * Total number of exams - Daily Live Exam - 90, Daily Practice Exam - 90, Chapter Wise Live Exam - 37. * Multi-color pdf class notes of each online class will be provided. * Video replay of each online class will be stored on the students' ID till the board exam. * Round the clock Q & A service will be provided by expert teacher panel. 	<ul style="list-style-type: none"> * Daily MCQ Live & Practice Exam (Online) on previous day's class. * Chapter-wise Live CQ+MCQ Exam (Online + In branch) at the end of each chapter. * Central Assessment of Creative Answer Papers. * Analysis report of each exam and results on Auto SMS. * Course Fee 16,000/- (Tk. Sixteen thousand only). * Admission can be possible by coming directly to the branch or through online payment. * Website - www.udvash.com & Helpline - 09666775566
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Online Live Class Schedule	English Version: 6.30pm	Online Live exam Schedule From 10:00 am to 10:00 pm
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Online Class & Exam Routine (Part-02)

Date	Live Class (According to the Batch time of the Enrolled Students)	Live Exam (10 am to 10pm)
26.02.23 (Sunday)	Live Class (P-13+14) Physics: Chapter – 11	Daily Live Exam (B-07+08) MCQ (10×1=10); 10 min.
27.02.23 (Monday)	Live Class (M-15+16) Math: Chapter – 17	Daily Live Exam (P-13+14) MCQ (10×1=10); 10 min.
28.02.23 (Tuesday)	Live Class (C-11+12) Chemistry: Chapter – 11	Daily Live Exam (M-15+16) MCQ (10×1=10); 10 min.
01.03.23 (Wednesday)	Live Class (HM-13+14) H.Math: Chapter – 13	Daily Live Exam (C-11+12) MCQ (10×1=10); 10 min.
02.03.23 (Thursday)	Live Class (B-09+10) Biology: Chapter – 11	Daily Live Exam (HM-13+14) MCQ (10×1=10); 10 min.
04.03.23 (Saturday)	Chapter-wise Exam [Biology Chapter-11] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
05.03.23 (Sunday)	Live Class (P-15+16) Physics: Chapter – 11	Daily Live Exam (B-09+10) MCQ (10×1=10); 10 min.
06.03.23 (Monday)	Live Class (M-17+18) Math: Chapter – 13	Daily Live Exam (P-15+16) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Math Chapter-17] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
07.03.23 (Tuesday)	Live Class (C-13+14) Chemistry: Chapter – 11	Daily Live Exam (M-17+18) MCQ (10×1=10); 10 min.
08.03.23 (Wednesday)	All classes and examinations will be closed on the occasion of Shab-e-Barat	
09.03.23 (Thursday)	Live Class (B-11+12) Biology: Chapter – 12	Daily Live Exam (C-13+14) MCQ (10×1=10); 10 min.
11.03.23 (Saturday)	Chapter-wise Exam [Math Chapter-13] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
12.03.23 (Sunday)	Live Class (P-17+18) Physics: Chapter – 11	Daily Live Exam (B-11+12) MCQ (10×1=10); 10 min.
13.03.23 (Monday)	Live Class (M-19+20) Math: Chapter – 10	Daily Live Exam (P-17+18) MCQ (10×1=10); 10 min.
14.03.23 (Tuesday)	Live Class (C-15+16) Chemistry: Chapter – 11	Daily Live Exam (M-19+20) MCQ (10×1=10); 10 min.
15.03.23 (Wednesday)	Live Class (HM-15+16) H.Math: Chapter – 13	Daily Live Exam (C-15+16) MCQ (10×1=10); 10 min.
16.03.23 (Thursday)	Live Class (ICT-03+04) ICT: Chapter – 05	Daily Live Exam (HM-15+16) MCQ (10×1=10); 10 min.
18.03.03 (Saturday)	Chapter-wise Exam [Physics Chapter-11] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
19.03.03 (Sunday)	Live Class (P-19+20) Physics: Chapter – 12	Daily Live Exam (ICT-03+04) MCQ (10×1=10); 10 min.
20.03.23 (Monday)	Live Class (M-21+22) Math: Chapter – 03	Daily Live Exam (P-19+20) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Math Chapter-10] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
21.03.23 (Tuesday)	Live Class (C-17+18) Chemistry: Chapter – 11	Daily Live Exam (M-21+22) MCQ (10×1=10); 10 min.
22.03.23 (Wednesday)	Live Class (HM-17+18) H.Math: Chapter – 05	Daily Live Exam (C-17+18) MCQ (10×1=10); 10 min.
23.03.23 (Thursday)	Live Class (B-13+14) Biology: Chapter – 12	Daily Live Exam (HM-17+18) MCQ (10×1=10); 10 min.
25.02.23 (Saturday)	Chapter-wise Exam [H.math Chapter-13] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
26.03.23 (Sunday)	All online classes and exams will be closed on March 26 Independence Day	
27.03.23 (Monday)	Live Class (M-23+24) Math: Chapter – 03	Daily Live Exam (B-13+14) MCQ (10×1=10); 10 min.
28.03.23 (Tuesday)	Live Class (C-19+20) Chemistry: Chapter – 12	Daily Live Exam (M-23+24) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Chemistry Chapter-10] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
29.03.23 (Wednesday)	Live Class (HM-19+20) H.Math: Chapter – 05	Daily Live Exam (C-19+20) MCQ (10×1=10); 10 min.
30.03.23 (Thursday)	Live Class (B-15+16) Biology: Chapter – 12	Daily Live Exam (HM-19+20) MCQ (10×1=10); 10 min.
01.04.23 (Saturday)	Chapter-wise Exam [Biology Chapter-12] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
02.04.23 (Sunday)	Live Class (P-21+22) Physics: Chapter – 12	Daily Live Exam (B-15+16) MCQ (10×1=10); 10 min.
03.04.23 (Monday)	Live Class (M-25+26) Math: Chapter – 14	Daily Live Exam (P-21+22) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [H.math Chapter-05] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
04.04.23 (Tuesday)	Live Class (C-21+22) Chemistry: Chapter – 12	Daily Live Exam (M-25+26) MCQ (10×1=10); 10 min.
05.04.23 (Wednesday)	Live Class (HM-21+22) H.Math: Chapter – 06	Daily Live Exam (C-21+22) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Physics Chapter-12] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
06.04.23 (Thursday)	Live Class (ICT-05+06) ICT: Chapter – 05	Daily Live Exam (HM-21+22) MCQ (10×1=10); 10 min.

Online Classes & Exam Procedure:

- * **Live Class** will be held through **Zoom App**. Therefore, every student is requested to **install Zoom** App on his/her mobile/laptop/desktop in advance.
- * Go to this website **udvash.com** and click on 'Join Now' menu to give **Live Class & Exam**. Login to class 10th academic program using your admitted registration number to participate in classes and exams.
- * The **Daily Live Exam** will run from **10:00 am to 10:00 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.

Class 10 Academic Program Full Syllabus-2023 (Online)

Physics			
Chapter	Class	Lecture	Syllabus
Chapter 11 (Current Electricity)	Day-07	P-13	Electric current, Electric force and potential difference, Conductor, insulator and semiconductor, Direction of electric flow
		P-14	Relation between potential difference and electricity, Ohm's Law, Resistance, Specific resistance and related mathematical problems
	Day-08	P-15	Circuit, Equivalent resistance (Series circuit and parallel circuit)
		P-16	Mathematical problems on circuit and equivalent resistance
	Day-09	P-17	Electric power, electrical supply, mathematical problems on electric Power
		P-18	Safe use of electricity, Design of circuit in residence, review of mathematical problems
Chapter 12 (Magnetic Effects of Current)	Day-10	P-19	Magnet, magnetic effects of current, Solenoid
		P-20	Electromagnet, effect of magnet on a current carrying wire
	Day-11	P-21	DC motor, electromagnetic induction, Generator
		P-22	Transformer and mathematical problems

Chemistry			
Chapter	Class	Lecture	Syllabus
Chapter-11 (Mineral Resources: Fossils)	Day-06	C-11	Aromatic Hydrocarbon, Saturated Hydrocarbons (Alkane)
		C-12	Preparation of Alkane & Characteristic Reactions
	Day-07	C-13	Unsaturated Hydrocarbons: Alkene & Alkyne
		C-14	Preparation of alkene & alkyne, Characteristic reactions
	Day-08	C-15	Alcohol, Aldehyde, preparation of fatty acid, Chemical Properties of fatty acid
		C-16	Alcohol, aldehyde, Characteristic reactions of fatty acid
	Day-09	C-17	Preparation of alcohol, aldehyde & fatty acid from hydrocarbon
		C-18	Uses of alcohol, aldehyde & fatty acid, polymer, conversion, important reactions
Chapter-12 (Chemistry in Our Lives)	Day-10	C-19	Domestic Chemistry (Edible salt, Baking powder, Vinegar, Soft drinks)
		C-20	Chemistry for Cleanliness (Washing soda, Toilet Cleaner)
	Day-11	C-21	Soap, Detergent and it's working mechanism, Bleaching powder
		C-22	Important reactions and working mechanisms (Revision)

Math			
Chapter	Class	Lecture	Syllabus
Chapter-17 (Statistics)	Day-08	GM-15	Concept of median, Examples, Exercises- 17
		GM-16	Concept of mode, Examples, Exercises - 17
Chapter-13 (Finite series)	Day-09	GM-17	Finding the sum of the squares and cubes of the first n natural numbers, Exercise 13.2 (18, 19, 20, 21) Work, Examples, Geometric series, Common terms, Examples, Exercise-13.2 (1-5, 7, 8- 11)
		GM-18	Determining sums of terms in geometric series, Exercise 13.2 (6, 12-17, 22-25) HW: (Example-12)
Chapter-10 (Distance and Elevation)	Day-10	GM-19	Angle of elevation and angle of declination, Example, Exercise-10 (1-13)
		GM-20	Exercise-10 (14-21), Work
Chapter-03 (Algebraic Expressions)	Day-11	GM-21	Forming and applying algebraic formulae in solving real life problems (Related to payable and attainable, time and work, time and distance), Exercise-3.5 (14-19)
		GM-22	Forming and applying algebraic formulae in solving real life problems (related to pipe and water tank, profit-loss), Exercise – 3.5 (20-25)
	Day-12	GM-23	Formulation of Algebraic Formulas (Investment-Profit), Exercise-3.5 (26-33)
		GM-24	Exercise – 3.5 (34-38)
Chapter-14 Ratio Similarity and Symmetry)	Day-13	GM-25	Properties of Ratios and Proportions, Geometric Proportions, Theorems: 28, 29, 30, 31
		GM-26	Exercise – 14.1 (1-5)

H.Math			
Chapter	Class	Lecture	Syllabus
Chapter-13 (Solid Geometry)	Day-07	HM-13	Sphere, Exercise-13 (14-20)
		HM-14	Prism, pyramid, example
	Day-08	HM-15	Exercise-13 (25-28)
		HM-16	Rectangular Solids, Exercise-13 (1-6 and 29, 30)
	Day-09	HM-17	(System of indical equations with two variables, Example) Exercise-5.6
		HM-18	Solving quadratic equations using graphs, Exercise-5.7 (1-12)
	Day-10	HM-19	Exercise-5.7 (13-17)
		HM-20	Chapter-5 (Re-discussion)
Chapter-05 (Equation)	Day-09	HM-17	(System of indical equations with two variables, Example) Exercise-5.6
		HM-18	Solving quadratic equations using graphs, Exercise-5.7 (1-12)
	Day-10	HM-19	Exercise-5.7 (13-17)
		HM-20	Chapter-5 (Re-discussion)
Chapter-06 (Inequality)	Day-11	HM-21	Concepts of inequalities, Examples, Exercise-6.1 (Complete), Uses of inequalities, Examples of Exercise-6.2
		HM-22	Exercise-6.2 (1-11)

Biology			
Chapter	Class	Lecture	Syllabus
Chapter-11 (Reproduction in Organism)	Day-05	B-09	Animal reproduction and fertilization, The basic significance of fertilization, Role of hormone in human reproduction
		B-10	Development of the embryo, Placenta, Fetal membrane, Reproduction related disease (AIDS)
Chapter-12 (Heredity in Organisms and Evolution)	Day-06	B-11	Heredity in organism, Components carrying (heredity materials) behavioural features to the offspring from generation to generation, Chromosome, DNA
		B-12	RNA, Gene, DNA replication
	Day-07	B-13	DNA test, Determination of human sex
		B-14	Genetic disorder (Colour blindness, Thalassemia)
	Day-08	B-15	Theories of evolution of organisms, Origin of life
		B-16	Theory of Darwin and significance of evolution in surviving of species

ICT			
Chapter	Class	Lecture	Syllabus
Chapter-05 (Multimedia and Graphics)	Day-02	ICT-03	Revision of Selection and Move Tool, Shifting Selection, Fill Color in the Floating Selection, the use of Feather, Selection using Lasso Tool and Polygonal Lasso Tool Stroke, Saving New File, Layer, adding new Layer, Thumbnail Icon, Clustering, Integrating and Segregating Palette, Making Layer Object, creating a Text Layer, Transferring Pictures from One file to Another, Fixing Target Layer, Changing the Opacity of the Layer, Removing Layer, Combining or Merging Layers.
		ICT-04	Cut, Copy, Paste and Paste into, the use of Crop tool, cropping up Tilted Picture, Use of Eraser Tool, creating Blend with Gradient tool, Creating Linear Blend, Editing Gradient, Adding and Removing New color and Color Stops, Adjusting Brightness and Contrast of Picture
	Day-03	ICT-05	Illustrator, Open Illustrator Program, open File in Illustrator, work Tools, names of the necessary tools of the Toolbox, Filling color on Object, Color, Gradient and None, Increasing and Reducing the size of Object, Changing the Positioning of Page by Hand Tool, Mode of Viewing Object, Creating Object, Selecting Object and Erasing borderline or Path, Path, Selection Tool, Direct Selection Tool, Grouping object, Lock the Objects, Use of Cut, Copy and Paste Command
		ICT-06	Layer, creating New Layers, Cancelling Layer, Merging Layers, Use of Color in Object, Color Palette, Fill Color, The use of Stroke, Pen and Pencil Tool, Closed path and Opened path, Pencil Tool and Pen tool, Editing Path, Adding Anchor Point, Removing Anchor Point, Editing Curve Path, Writing Job, Point Text, Editing Writing, Selecting Letters, Changing color of Letters, Deleting Letters, Enlarging and Reducing Font Size, Increasing or Decreasing Font Size Vertically and Horizontally, Baseline Shift, The Leading, Area Text, Trying in the Pat, Trying outside circular Object, Creating Outline of Letters, Placement of Image in Illustrator

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-01713-236711, Azimpur-01713-236725, Shantinagar-0367813, Malibagh-01713-236702 Motijheel-01713-236908
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