

<ul style="list-style-type: none"> * Physics, Chemistry, Higher Math, Math, Biology and ICT. These 6 Subjects will be taught according to the full syllabus of Class Nine * Live Class will be held 5 days a week (Sunday, Monday, Tuesday, Wednesday, Thursday) through Zoom App * Total number of classes - 280, (Double classes will be held every day) * Total number of exams - Daily Live Exam - 140, Daily Practice Exam - 140, Chapter Wise Live Exam -57 & Evaluation Test Exam-06 * 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"> * Chapter Wise Parallel text of each Subject Will be Provided Free * 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 28,000/- (Tk. Twenty-Eight 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: 6:00pm	Online Live Exam Schedule	From 10:00am To 10:00pm
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Class & Exam Routine (Part-01)

Date & Day	Live Class (According To batch Time of Enrooled Students)	Live Exam (10am To 10pm)
12.02.23 (Sunday)	Live Class (P-03+04) Physics: Chapter-02	---
13.02.23 (Monday)	Live Class (C-03+04) Chemistry: Chapter-02	Daily Live Exam (P-03+04) MCQ (10×1=10); 10 min.
14.02.23 (Tuesday)	Live Class (M-01+02) Math: Chapter-03	Daily Live Exam (C-03+04) MCQ (10×1=10); 10 min.
15.02.23 (Wednesday)	Live Class (B-03+04) Biology: Chapter-02	Daily Live Exam (M-01+02) MCQ (10×1=10); 10 min.
16.02.23 (Thursday)	Live Class (HM-01+02) Higher Math: Chapter-05	Daily Live Exam (B-03+04) MCQ (10×1=10); 10 min.
19.02.23 (Sunday)	Live Class (P-05+06) Physics: Chapter-02	Daily Live Exam (HM-01+02) MCQ (10×1=10); 10 min.
20.02.23 (Monday)	Live Class (C-05+06) Chemistry: Chapter-02	Daily Live Exam (P-05+06) MCQ (10×1=10); 10 min.
All classes and examinations will be closed on the occasion of International Mother Language Day on February 21		
22.02.23 (Wednesday)	Live Class (B-05+06) Biology: Chapter-02	Daily Live Exam (C-05+06) MCQ (10×1=10); 10 min.
23.02.23 (Thursday)	Live Class (HM-03+04) Higher Math: Chapter-05	Daily Live Exam (B-05+06) MCQ (10×1=10); 10 min.
25.02.23 (Saturday)	Chapter-wise Exam [Chemistry Chapter-02] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
26.02.23 (Sunday)	Live Class (P-07+08) Physics: Chapter-02	Daily Live Exam (HM-03+04) MCQ (10×1=10); 10 min.
27.02.23 (Monday)	Live Class (C-07+08) Chemistry: Chapter-03	Daily Live Exam (P-07+08) MCQ (10×1=10); 10 min.
28.02.23 (Tuesday)	Live Class (M-03+04) Math: Chapter-03	Daily Live Exam (C-07+08) MCQ (10×1=10); 10 min.
01.03.23 (Wednesday)	Live Class (B-07+08) Biology: Chapter-04	Daily Live Exam (M-03+04) MCQ (10×1=10); 10 min.
02.03.23 (Thursday)	Live Class (HM-05+06) Higher Math: Chapter-05	Daily Live Exam (B-07+08) MCQ (10×1=10); 10 min.
04.03.23 (Saturday)	Chapter-wise Exam [H.Math Chapter-05] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
05.03.23 (Sunday)	Live Class (P-09+10) Physics: Chapter-02	Daily Live Exam (HM-05+06) MCQ (10×1=10); 10 min.
06.03.23 (Monday)	Live Class (C-09+10) Chemistry: Chapter-03	Daily Live Exam (P-09+10) MCQ (10×1=10); 10 min.
07.03.23 (Tuesday)	Live Class (M-05+06) Math: Chapter-03	Daily Live Exam (C-09+10) MCQ (10×1=10); 10 min.
All classes and examinations will be closed on the occasion of Shab-e-Barat on March 8		
09.03.23 (Thursday)	Live Class (HM-29+30) Higher Math: Chapter-02	Daily Live Exam (M-05+06) MCQ (10×1=10); 10 min.
11.03.23 (Saturday)	Chapter-wise Exam [Physics Chapter-02] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
12.03.23 (Sunday)	Live Class (P-01+02) Physics: Chapter-01	Daily Live Exam (HM-29+30) MCQ (10×1=10); 10 min.
13.03.23 (Monday)	Live Class (C-11+12) Chemistry: Chapter-03	Daily Live Exam (P-01+02) MCQ (10×1=10); 10 min.
14.03.23 (Tuesday)	Live Class (M-07+08) Math: Chapter-03	Daily Live Exam (C-11+12) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Physics Chapter-01] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
15.03.23 (Wednesday)	Live Class (B-09+10) Biology: Chapter-02	Daily Live Exam (M-07+08) MCQ (10×1=10); 10 min.
16.03.23 (Thursday)	Live Class (HM-31+32) Higher Math: Chapter-08	Daily Live Exam (B-09+10) MCQ (10×1=10); 10 min.
18.03.23 (Saturday)	Chapter-wise Exam [Chemistry Chapter-03] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
19.03.23 (Sunday)	Live Class (P-11+12) Physics: Chapter-03	Daily Live Exam (HM-31+32) MCQ (10×1=10); 10 min.
20.03.23 (Monday)	Live Class (ICT-01+02) ICT: Chapter-01	Daily Live Exam (P-11+12) MCQ (10×1=10); 10 min.
21.03.23 (Tuesday)	Live Class (M-13+14) Math: Chapter-09	Daily Live Exam (ICT-01+02) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Math Chapter-03] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
22.03.23 (Wednesday)	Live Class (B-01+02) Biology: Chapter-01	Daily Live Exam (M-13+14) MCQ (10×1=10); 10 min.
23.03.23 (Thursday)	Live Class (HM-33+34) Higher Math: Chapter-02	Daily Live Exam (B-01+02) MCQ (10×1=10); 10 min.
25.03.23 (Saturday)	Chapter-wise Exam [Biology Chapter-02] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
All online classes and exams will be closed on March 26 Independence Day		
27.03.23 (Monday)	Live Class (C-13+14) Chemistry: Chapter-04	Daily Live Exam (HM-33+34) MCQ (10×1=10); 10 min.
28.03.23 (Tuesday)	Live Class (M-15+16) Math: Chapter-09	Daily Live Exam (C-13+14) MCQ (10×1=10); 10 min.
	Chapter-wise Exam [Biology Chapter-01] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	
29.03.23 (Wednesday)	Live Class (B-11+12) Biology: Chapter-03	Daily Live Exam (M-15+16) MCQ (10×1=10); 10 min.
30.03.23 (Thursday)	Live Class (HM-21+22) Higher Math: Chapter-08	Daily Live Exam (B-11+12) MCQ (10×1=10); 10 min.
01.04.23 (Saturday)	Chapter-wise Exam [H.Math Chapter-02] (CQ 2×10=20); Time: 50min & (MCQ 10×1=10); Time: 10min.	

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 Nine 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 Nine Full Syllabus-2023 (Online)

Physics		
Chapter	Lecture	Syllabus
Chapter-02 (Motion)	P-03	Rest and Motion, Different Types of Motion, Scalar and Vector quantities.
	P-04	Distance and Displacement, Speed and Velocity, Acceleration and Deceleration or Retardation and Mathematical Problems.
	P-05	Derivation of Equations of Motion, Proof of Law of Motion.
	P-06	Mathematical Problems on the Equations of Motion.
	P-07	Mathematical Problems on the Laws of Falling Bodies.
	P-08	Mathematical Problems on the formulas of thrown objects.
	P-09	Distance-Time Graph, Velocity-Time Graph.
P-10	Acceleration-Time Graph and Whole Chapter Revision.	
Chapter-01 (Physical Quantities & Their Measurements)	P-01	Development of Physics, Physical Quantities, Units of Measurement, Prefix, Dimension.
	P-02	Vernier Scale, Screw Gauge, Error and Accuracy.
Chapter-03 (Force)	P-11	Inertia and Concept of Force- Newton's First Law, Nature of Fundamental Forces, Balanced and Unbalanced Forces.
	P-12	Impulse of a Force, Momentum and Mathematical Problems.
Chemistry		
Chapter-2 (States of Matter)	C-03	Matter & States of matter, *Intermolecular force & energy, atomic mass (chart) + molecular mass
	C-04	Kinetic theory of particles & *postulates of kinetic theory, Diffusion, Effusion
	C-05	Burning of a candle & the three states of wax, Melting & Boiling, Distillation & Sublimation, Graph of applying heat & mathematical explanation
	C-06	Heating & cooling curve due to application of heat, Sublimation curve, Diffusion, Effusion (Revision)
Chapter-3 (Structure of Matter)	C-07	Elements & Compounds, Atoms & Molecules, Symbols of elements, Formula, The particles inside an atom, Atomic number & Mass number
	C-08	Isotope, Isotone, Isobar, Atomic model, Rutherford's atomic model, Limitations of Rutherford's atomic model
	C-09	Bohr's atomic model, Success & Limitations of Bohr's atomic model
	C-10	Orbital electronic configurations of atoms, Concept of energy sublevels, The principles of electronic configurations in atoms, Example
	C-11	The principles of electronic configurations in atoms(Revision), Some exceptions in electronic configuration, Atomic mass or relative atomic mass
	C-12	Determining the average relative mass of an element from the percentage of isotope, Getting the relative molecular mass from relative atomic mass, Radioactive isotopes & their uses, Impact of radioactive isotope
Chapter-4 (Concepts of Chemistry)	C-13	Background of Periodic Table, Characteristics of the Periodic Table, Determination of position of elements in the periodic table from their electronic configuration, Electronic configurations of the element are the main basis of the periodic table
	C-14	Some exceptions in the periodic table, Periodic properties of elements (Partial-Metallic & Nonmetallic properties, Size of atom)
Mathematics		
Chapter-03 (Algebraic Expression)	M-01	Algebraic Expressions, Algebraic Formulae, Examples of 3.1, Exercises – 3.1 (1, 2).
	M-02	Exercise 3.1 (3-15).
	M-03	Formula of Cubes, Corollary, Works, Exercises - 3.2 (1, 2).
	M-04	Exercise – 3.2 (3-15).
	M-05	Resolving into factors, Techniques for determining factors, work, Exercise-3.3 (1-15).
	M-06	Exercise-3.3 (16-25).
	M-07	Exercise-3.3 (26-31), concept of remainder theorem, concept of factorization theorem, example, exercise.
	M-08	Exercise-3.4 (1-16).
Chapter-09 (Trigonometric Ratio)	M-13	Class Naming of sides of right-angled triangles, Constancy of ratios of sides of similar right angled triangles, Trigonometric ratios of acute angles, Relationship among trigonometric ratios, Trigonometric identity. Sification of Real Numbers, Finding Irrational Numbers, Decimal Fractions, Exercise-1 (9, 10, 20).
	M-14	Examples (1-12), Work, Exercises - 9.1 (1-7, 19, 20).
	M-15	Exercise 9.1 (8-16).
	M-16	Exercise 9.1 (17, 18, 21-25).
Higher Mathematics		
Chapter-05 (Equation)	HM-01	(Quadratic equations of one variable and their solutions) Exercise-5.1
	HM-02	(Equations with radicals, example) Exercise-5.2
	HM-03	Indicial equations, examples (12-18), work.
	HM-04	Exercise-5.3
	HM-05	(System of Quadratic Equations in Two Variables, Example) Exercise-5.4
	HM-06	(Applications of Quadratic Equations, Example) Exercise-5.5
Chapter-02 (Algebraic Expression)	HM-29	Variables, Constant, Polynomials, Polynomials of One, Two and Three Variables, Functions, Cyclic, Symmetric and Homogenous Expressions, Activity on Page-40, Exercise-2 (1, 2), Example-22, Exercise-2 (d of 10).
	HM-30	Work (a) on Page-53, Work on Page-55, Exercise-2 (a, b, c of 10).
	HM-31	Quotient and Product Theorem, Activity on Page-47, Exercise-2 (3-7), HW: Exercise-2 (15)
	HM-32	Page-52 Proposition-1, Activity on Page-53 (b, c), Example-18, Exercise-2 (8, 9, 12,13)
	HM-33	Partial fractions, examples (23-29), Activity.
Chapter-08 Trigonometry	HM-21	Angles in Geometry and Trigonometry, Positive and Negative Angles, Units of Angle Measurement, Circular System of Measurement of Angles, Radian Angles, Relationship between Degree and Radian measure, Exercise- 8.1 (1, 2, 5, 6).
	HM-22	Exercise – 8.1 (3, 4, 7-13).
Biology		
Chapter-02 (Cells and Tissues of Organisms)	B-03	Living cell, Types of cells, Plant cell and animal cell (With figure), Difference between plant cell and animal cell, Main organelles of plant and animal cells and their functions (Cell wall).
	B-04	Main organelles of plant and animal cells and their functions (Cell wall) (Protoplasm, Plasmalemma, Cytoplasmic organelles, Mitochondria).
	B-05	Plastid, Chloroplast, Chromoplast, Leucoplast, Golgi body, Endoplasmic reticulum, Cell vacuole, Lysosome.
	B-06	Non-membranous cytoplasmic organelles, Nucleus.
	B-07	Roles of different cells in proper functioning of plants and animals, Plant tissue (Simple tissue).
	B-08	Plant tissue (Complex tissue, Xylem, Phloem).
	B-09	Animal tissues (Epithelial tissue, Connective tissue) Muscular tissue, Nerve tissue.
B-10	Organ and system, Microscope, Electron microscope, Differentiations.	
Chapter-01 (Lessons of Life)	B-01	Concept of biology, Branches of biology, Physical biology, applied biology, Classification of living beings, aim of classification, Living world (Margulis + R.H. Whittaker's classification- Monera, Protista).
	B-02	Living world (Margulis + R.H. Whittaker's classification- Fungi, Plantae, Animalia), Different steps of classification, System of Binomial Nomenclature, Binomial names.
Chapter-03 (Cell Division)	B-11	Cell division and its classification, Mitosis, Stages of mitosis.
	B-12	Significance of mitosis, Meiosis, Significance of meiosis, Difference between mitosis and meiosis, Discussion about haploid and diploid cells.
Information and Communication Technology		
Chapter-01	ICT-01	Great ICT personalities, E-learning and Bangladesh, E-Governance and Bangladesh.
	ICT-02	E-service and Bangladesh, E-commerce and Bangladesh, ICT in the Job Sector, Social Networking and ICT, Entertainment and ICT, Digital Bangladesh.