HSC ICT Full Course
(Online/Combo Batch)

উদ্ভাস
একাডেমিক এন্ড এডমিশন কেয়ার

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New Batch

Class & Exam Routine (Part-02)

Date & Day	Live Class		Live Exam	Online: From 8:00am to 11:55pm
	2:30pm [Friday & Saturday]			Offline: From 9:00am to 5:00pm
13 March 2026 (Friday)	ICT-38; Chapter-4		Daily Live Exam ICT-37 MCQ (10×1=10); 10 min.	
14 March 2026 (Saturday)	ICT-39; Chapter-4		Daily Live Exam ICT-38 MCQ (10×1=10); 10 min.	
Online classes and exams will be closed from March 15 to March 26 on the occasion of Eid-ul-Fitr.				
Date & Day	Live Class		Live Exam	Online: From 8:00am to 11:55pm
	2:45pm [Friday & Saturday]			Offline: From 9:00am to 5:00pm
27 March 2026 (Friday)	ICT-40; Chapter-4		Daily Live Exam ICT-39 MCQ (10×1=10); 10 min.	
28 March 2026 (Saturday)	ICT-41; Chapter-1		Daily Live Exam ICT-40 MCQ (10×1=10); 10 min.	
03 April 2026 (Friday)	ICT-42; Chapter-1		Daily Live Exam ICT-41 MCQ (10×1=10); 10 min.	
04 April 2026 (Saturday)	ICT-43; Chapter-2		Daily Live Exam ICT-42 MCQ (10×1=10); 10 min.	
10 April 2026 (Friday)	ICT-44; Chapter-2		Daily Live Exam ICT-43 MCQ (10×1=10); 10 min.	
11 April 2026 (Saturday)	ICT-45; Chapter-2		Daily Live Exam ICT-44 MCQ (10×1=10); 10 min.	
17 April 2026 (Friday)	ICT-46; Chapter-2		Daily Live Exam ICT-45 MCQ (10×1=10); 10 min.	
18 April 2026 (Saturday)	ICT-47; Chapter-6		Daily Live Exam ICT-46 MCQ (10×1=10); 10 min.	
21 April 2026 (Tuesday) **Monthly Exam-05**	**ICT Lecture-37 to 45 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.**			
24 April 2026 (Friday)	ICT-48; Chapter-6		Daily Live Exam ICT-47 MCQ (10×1=10); 10 min.	
25 April 2026 (Saturday)	ICT-49; Chapter-6		Daily Live Exam ICT-48 MCQ (10×1=10); 10 min.	
01 May 2026 (Friday)	ICT-50; Chapter-6		Daily Live Exam ICT-49 MCQ (10×1=10); 10 min.	
02 May 2026 (Saturday)	ICT-51; Chapter-6		Daily Live Exam ICT-50 MCQ (10×1=10); 10 min.	
08 May 2026 (Friday)	ICT-52; Chapter-6		Daily Live Exam ICT-51 MCQ (10×1=10); 10 min.	
09 May 2026 (Saturday)	ICT-53; Chapter-6		Daily Live Exam ICT-52 MCQ (10×1=10); 10 min.	
15 May 2026 (Friday)	ICT-54; Chapter-6		Daily Live Exam ICT-53 MCQ (10×1=10); 10 min.	
16 May 2026 (Sunday)	---		Daily Live Exam ICT-54 MCQ (10×1=10); 10 min.	
19 May 2026 (Tuesday) **Monthly Exam-06**	**ICT Lecture-46 to 54 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.**			
22 May 2026 (Friday)	**Subject Final Exam (Full Syllabus) Board Standard CQ (5×10=50); 2:30 min. & MCQ (25×1=25); 20 min.**			
∗∗∗**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 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. 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**).

ICT (Reference Book: UDVASH Parallel Text)		
Chapter	**Lecture**	**Lecture-based discussion topics**
Chapter-4 Introduction to web design and HTML	ICT-38	Hyperlink, Add Image, Add Image in Background, List (Ordered & Unordered List)
	ICT-39	Table, border attribute, cells pacing and cellpadding attribute, border manipulation, pot (text box, radio button, check box, file input, submit)
	ICT-40	Semantic Elements, Some Special Terminology, Creative Questions.
Chapter-1 Information and Communication Technology: World and Bangladesh Perspective	ICT-41	Information and Communication Technology and Our Bangladesh- Data and Information, Technology, Information and Communication Technology: Bangladesh Perspective, Digital Bangladesh Initiative Software Industry, Concept of Global Village- Elements of Establishing Global Village, Communication, Housing, Education, Medical, Employment, Office, Business, Trade, Research, news, entertainment, social media, cultural exchange, VR- History, Constituents of Virtual Reality, Application and Impact of Virtual Reality, Uses and Benefits of Virtual Reality, Recent Trends in Information and Communication Technology- Defense, ICT in Defense Industry, Space Expedition, Application of ICT in Space Research, Space Expedition: Bangladesh perspective , Robotics, Features of Robot, Some Important Robot Introduction in Technology World, Use of Robot, Artificial Intelligence, How Artificial Intelligence Works, Applications of AI, Uses of AI, Disadvantages of Artificial Intelligence.
	ICT-42	Biometrics, Areas of Application of Biometric Technology, Steps of Individual Identification in Biometrics Technology, Bioinformatics, Gene Engineering, Methods of Genetic Engineering, Application of ICT in Genetic Engineering, Uses of Genetic Engineering, Genetic Engineering in the Context of Bangladesh, Nanotechnology methods, advantages and applications of nanotechnology, ICT-based production systems, information and communication technology and economic development, ethics in the use of information and communication technology, different types of cybercrime, laws to suppress cybercrime, information and communication technology in social life Effects- Positive Effects of Information Technology, Negative Effects of Information Technology, Creative Questions.
Chapter-2 Communication Systems and Networking	ICT-43	Data Communication and Data Transmission- Concept of Data Communication, Signals (Analog and Digital), Fundamentals of Data Communication, Bandwidth, Calculation of Bandwidth, Data Transmission Methods, Parallel and Serial Transmission, Synchronous, Asynchronous and Isochronous Transmission, Modes of Data Transmission, simplex, half duplex and duplex transmission, unicast, broadcast and multicast.
	ICT-44	Data Communication Media, Wireless Media- Electro-Magnetic Spectrum and Reasons to Use Radio Waves, Microwaves and Infrared, Radio Waves, Microwaves, Terrestrial Microwave, Satellite Microwave, Infrared, Wireless Communication Systems, Wireless Internet Access Points, Hotspot, Bluetooth, Wi-Fi, WiMAX, mobile communications, different generations of mobiles.
	ICT-45	Wired medium – twisted pair cable, coaxial cable, connectors of coaxial cable, fiber optic cable, laser and LED, computer networking – concept of networking, purpose of computer network, types of networks, classification of network according to geographical spread, service delivery and control.
	ICT-46	NIC, Modem, Hub, Switch, Router, Gateway, Repeater, Bridge, Network Topology, Cloud Computing- Characteristics of Cloud Computing, Positive and Negative Effects of Cloud Computing, Creative Questions.
Chapter-6 Database Management system	ICT-47	Database- Difference between data and information, concept of database, spreadsheet vs database, computer memory and file
	ICT-48	Database storage, Advantage of using the database, area of use of the database (corporate, office, bank etc.).
	ICT-49	Table, Field, Record, Entity, Attribute, Value, Datatype
	ICT-50	Relational Database- General Database vs Relational Database, Features and uses of RDBMS, Key.
	ICT-51	Primary Key, Composite Primary Key, Foreign Key
	ICT-52	Relationship (One to one, One to Many, Many to Many), Entity Relationship Diagram (ERD).
	ICT-53	Structured Query Language- CRUD, DML/DDL, Database Creation, Table Create Read Update Delete, Record Create Read Update Delete.
	ICT-54	Data Security- Data Encryption, Creative Questions.