

HSC ICT Full Course Advance Batch

Class & Exam Routine-01

Helpline
09 666 77 55 66

26 June 2026 (Friday) Orientation Class [Time: 7:30 PM]		
Date & Day	Live Class 11:15am	Live Exam Online: From 8:00am to 11:55pm
29 June 2026 (Monday)	ICT-01	Basic Introductory Exam
02 July 2026 (Thursday)	ICT-02	Daily Live Exam ICT-01 MCQ (10×1=10); 10 min.
06 July 2026 (Monday)	ICT-27	Daily Live Exam ICT-02 MCQ (10×1=10); 10 min.
09 July 2026 (Thursday)	ICT-03	Daily Live Exam ICT-27 MCQ (10×1=10); 10 min.
13 July 2026 (Monday)	ICT-28	Daily Live Exam ICT-03 MCQ (10×1=10); 10 min.
16 July 2026 (Thursday)	ICT-04	Daily Live Exam ICT-28 MCQ (10×1=10); 10 min.
20 July 2026 (Monday)	ICT-29	Daily Live Exam ICT-04 MCQ (10×1=10); 10 min.
23 July 2026 (Thursday)	ICT-05	Daily Live Exam ICT-29 MCQ (10×1=10); 10 min.
27 July 2026 (Monday)	ICT-30	Daily Live Exam ICT-05 MCQ (10×1=10); 10 min.
30 July 2026 (Thursday)	ICT-06	Daily Live Exam ICT-30 MCQ (10×1=10); 10 min.
03 August 2026 (Monday)	ICT-31	Daily Live Exam ICT-06 MCQ (10×1=10); 10 min.
06 August 2026 (Thursday)	ICT-07	Daily Live Exam ICT-31 MCQ (10×1=10); 10 min.
10 August 2026 (Monday)	ICT-16	Daily Live Exam ICT-07 MCQ (10×1=10); 10 min.
11 August 2026 (Tuesday)	Monthly Exam-01; ICT Lecture-01 to 06 & 27 to 31 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.	
13 August 2026 (Thursday)	ICT-17	Daily Live Exam ICT-16 MCQ (10×1=10); 10 min.
17 August 2026 (Monday)	ICT-18	Daily Live Exam ICT-17 MCQ (10×1=10); 10 min.
20 August 2026 (Thursday)	ICT-08	Daily Live Exam ICT-18 MCQ (10×1=10); 10 min.
24 August 2026 (Monday)	ICT-19	Daily Live Exam ICT-08 MCQ (10×1=10); 10 min.
27 August 2026 (Thursday)	ICT-09	Daily Live Exam ICT-19 MCQ (10×1=10); 10 min.
31 August 2026 (Monday)	ICT-20	Daily Live Exam ICT-09 MCQ (10×1=10); 10 min.
03 September 2026 (Thursday)	ICT-10	Daily Live Exam ICT-20 MCQ (10×1=10); 10 min.
07 September 2026 (Monday)	ICT-21	Daily Live Exam ICT-10 MCQ (10×1=10); 10 min.
08 September 2026 (Tuesday)	Monthly Exam-02; ICT Lecture-07 to 10 & 16 to 20 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.	
10 September 2026 (Thursday)	ICT-11	Daily Live Exam ICT-21 MCQ (10×1=10); 10 min.
14 September 2026 (Monday)	ICT-22	Daily Live Exam ICT-11 MCQ (10×1=10); 10 min.
17 September 2026 (Thursday)	ICT-12	Daily Live Exam ICT-22 MCQ (10×1=10); 10 min.
21 September 2026 (Monday)	ICT-23	Daily Live Exam ICT-12 MCQ (10×1=10); 10 min.
The time has been changed as classes have started in college.		
Date & Day	Live Class 2:45pm	Live Exam Online: From 8:00am to 11:55pm
25 September 2026 (Friday)	ICT-13	Daily Live Exam ICT-23 MCQ (10×1=10); 10 min.
26 September 2026 (Saturday)	ICT-24	Daily Live Exam ICT-13 MCQ (10×1=10); 10 min.
02 October 2026 (Friday)	ICT-14	Daily Live Exam ICT-24 MCQ (10×1=10); 10 min.
03 October 2026 (Saturday)	ICT-25	Daily Live Exam ICT-14 MCQ (10×1=10); 10 min.
07 October 2026 (Wednesday)	Monthly Exam-03; ICT Lecture-11 to 14 & 21 to 24 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.	
The next class and exam routine-02 will be published...		
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 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** 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-উদ্ভাস**).

HSC ICT Full Course Advance Batch Syllabus-01

ICT		
Chapter	Lecture	Lecture-based discussion topics
Chapter-3 Number System and Digital Device	ICT-01	Number System- History of Invention of Numbers, Egyptian / Hieroglyphics Number System, Babylonian Number System, Roman Number System, Mayan Number System, Hindu-Arabic Number System, Types of Number Systems, Decimal, Binary Number System, Octal Number System, Hexadecimal Number System.
	ICT-02	Number System Conversion - Convert decimal to any other number system, Convert any other number system to decimal.
	ICT-03	Reciprocal conversion of any number system other than decimal, conversion with calculator
	ICT-04	Binary addition, Binary subtraction, Signed numbers, 1's complement, 2's complement.
	ICT-05	Code, BCD Code, Alpha Numeric Code, ASCII Code, EBCDIC Code, Unicode.
	ICT-06	Boolean Algebra, Boolean variables & Constant, Boolean operators, Boolean fundamental theorem, truth table.
	ICT-07	Boolean Functions, Boolean Equations, Logic Functions simplification, De-Morgan's Law, Duality Principle
	ICT-08	Generating Functions from Truth Tables, Logic Gates, Basic Logic Gates, Compound gate.
	ICT-09	Universal gate, special logic gate, implementing basic gates and any other circuit using only NAND gate.
	ICT-10	Implementing basic gates and any other circuit using only NOR gate, Circuits and Equations (Drawing Logic Circuits from Boolean Equations, Writing Equations from Logic Circuits).
	ICT-11	Digital Devices- Half Adder, Full adder
	ICT-12	Implementation of full adder using half adder, Parallel Binary Adder
	ICT-13	Digital Devices- Encoder, Decoder
	ICT-14	Sequential Circuit, Clock/Clock Pulse, Latch, Flipflop, Register, Counter.
Chapter-1 Information and Communication Technology: World and Bangladesh Perspective	ICT-16	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.
	ICT-17	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, Cryosurgery, Nanotechnology, 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.
	ICT-18	Creative and MCQ Question solving
Chapter-4 Introduction to web design and HTML	ICT-19	Internet and Web Introduction- Internet Introduction, Web Introduction, Web Design Concept, Web Page and Web Site, Network Protocol, Domain Name, URL.
	ICT-20	Website structure, tree or hierarchical structure, web-linked or network structure, sequence or linear structure, hybrid or combination structure, Static Website, Dynamic Website, web publishing and hosting.
	ICT-21	HTML- Introduction and versions of HTML, sample HTML code, element and tag, different types of tags, HEAD section tags.
	ICT-22	Body section tags, heading tags, text formatting tags.
	ICT-23	Styling, Hyperlink
	ICT-24	Adding Image, List (Ordered & Unordered List)
	ICT-25	Table, border attribute, cells pacing and cellpadding attribute
Chapter-2 Communication Systems and Networking	ICT-27	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 and Asynchronous and Isochronous Transmission, Modes of Data Transmission, simplex, half duplex and duplex transmission, unicast, broadcast and multicast.
	ICT-28	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-29	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-30	NIC, Modem, Hub, Switch, Router, Gateway, Repeater, Bridge, Network Topology, Cloud Computing- Characteristics of Cloud Computing, Positive and Negative Effects of Cloud Computing.
	ICT-31	Creative and MCQ Question solving



দেশব্যাপী **উদ্ভাস-উন্মেষ** এর
শাখাসমূহের বিস্তারিত ঠিকানা
দেখতে **QR** কোডটি স্ক্যান করো

উদ্ভাস-উন্মেষ এর
App ডাউনলোড করতে
QR কোডটি স্ক্যান করো

