HSC ICT Advance Full Course
[Online/Combo]

Class & Exam Routine part-01 (English Version)

Date & Day	Live Class		Live Exam	Online: From 8:00am to 11:55pm
	11:30am [Monday & Thursday]			Offline: From 9:00am to 5:00pm
20 June 2025 (Friday) Orientation Class [Time will be informed via SMS.]				
23 June 2025 (Monday)	ICT-01; Chapter-03		Basic Introductory Exam	
26 June 2025 (Thursday)	ICT-02; Chapter-03		Daily Live Exam ICT-01 MCQ (10×1=10); 10 min.	
30 June 2025 (Monday)	ICT-03; Chapter-03		Daily Live Exam ICT-02 MCQ (10×1=10); 10 min.	
03 July 2025 (Thursday)	ICT-04; Chapter-03		Daily Live Exam ICT-03 MCQ (10×1=10); 10 min.	
07 July 2025 (Monday)	ICT-05; Chapter-03		Daily Live Exam ICT-04 MCQ (10×1=10); 10 min.	
10 July 2025 (Thursday)	ICT-06; Chapter-03		Daily Live Exam ICT-05 MCQ (10×1=10); 10 min.	
14 July 2025 (Monday)	ICT-07; Chapter-03		Daily Live Exam ICT-06 MCQ (10×1=10); 10 min.	
17 July 2025 (Thursday)	ICT-08; Chapter-03		Daily Live Exam ICT-07 MCQ (10×1=10); 10 min.	
21 July 2025 (Monday)	ICT-09; Chapter-03		Daily Live Exam ICT-08 MCQ (10×1=10); 10 min.	
24 July 2025 (Thursday)	ICT-10; Chapter-03		Daily Live Exam ICT-09 MCQ (10×1=10); 10 min.	
28 July 2025 (Monday)	ICT-11; Chapter-03		Daily Live Exam ICT-10 MCQ (10×1=10); 10 min.	
29 July 2025 (Tuesday)	Monthly Exam-01; ICT Lecture-01 to 09 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.			
31 July 2025 (Thursday)	ICT-12; Chapter-03		Daily Live Exam ICT-11 MCQ (10×1=10); 10 min.	
04 August 2025 (Monday)	ICT-13; Chapter-03		Daily Live Exam ICT-12 MCQ (10×1=10); 10 min.	
07 August 2025 (Thursday)	ICT-14; Chapter-03		Daily Live Exam ICT-13 MCQ (10×1=10); 10 min.	
11 August 2025 (Monday)	ICT-15; Chapter-03		Daily Live Exam ICT-14 MCQ (10×1=10); 10 min.	
14 August 2025 (Thursday)	ICT-16; Chapter-03		Daily Live Exam ICT-15 MCQ (10×1=10); 10 min.	
18 August 2025 (Monday)	ICT-17; Chapter-05		Daily Live Exam ICT-16 MCQ (10×1=10); 10 min.	
21 August 2025 (Thursday)	ICT-18; Chapter-05		Daily Live Exam ICT-17 MCQ (10×1=10); 10 min.	
25 August 2025 (Monday)	ICT-19; Chapter-05		Daily Live Exam ICT-18 MCQ (10×1=10); 10 min.	
26 August 2025 (Tuesday)	Monthly Exam-02; ICT Lecture-10 to 18 CQ (3×10=30); 1.30 hrs. & MCQ (25×1=25); 20 min.			
28 August 2025 (Thursday)	ICT-20; Chapter-05		Daily Live Exam ICT-19 MCQ (10×1=10); 10 min.	
01 September 2025 (Monday)	ICT-21; Chapter-05		Daily Live Exam ICT-20 MCQ (10×1=10); 10 min.	
04 September 2025 (Thursday)	ICT-22; Chapter-05		Daily Live Exam ICT-21 MCQ (10×1=10); 10 min.	
08 September 2025 (Monday)	ICT-23; Chapter-05		Daily Live Exam ICT-22 MCQ (10×1=10); 10 min.	
11 September 2025 (Thursday)	ICT-24; Chapter-05		Daily Live Exam ICT-23 MCQ (10×1=10); 10 min.	
15 September 2025 (Monday)	ICT-25; Chapter-05		Daily Live Exam ICT-24 MCQ (10×1=10); 10 min.	
18 September 2025 (Thursday)	ICT-26; Chapter-05		Daily Live Exam ICT-25 MCQ (10×1=10); 10 min.	
22 September 2025 (Monday)	ICT-27; Chapter-05		Daily Live Exam ICT-26 MCQ (10×1=10); 10 min.	
The next class and exam routine (Part-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 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**).

Chapter	Lecture	Lecture-based discussion topics
		ICT Reference Book: স্যারলাল TEXT
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.
	ICT-03	Convert any other number system to decimal.
	ICT-04	Reciprocal conversion of any number system other than decimal, conversion with calculator, binary addition.
	ICT-05	Binary subtraction, Signed numbers, 1's complement, 2's complement.
	ICT-06	Code, BCD Code, Alpha Numeric Code, ASCII Code, EBCDIC Code, Unicode.
	ICT-07	Boolean Algebra- Boolean variables and constants, Boolean fundamental theorem, truth table.
	ICT-08	Boolean Functions, Boolean Equations, Duality, Logic Gates, Basic Logic Gates.
	ICT-09	Compound gate, universal gate, special logic gate, implement any circuit using NAND gate.
	ICT-10	implement any circuit using NOR gate. Circuits and Equations (Drawing Logic Circuits from Boolean Equations, Writing Equations from Logic Circuits).
	ICT-11	Logic Functions simplification, Generating Functions from Truth Tables, Digital Devices.
	ICT-12	Half Adder, Full adder
	ICT-13	Implementation of full adder using half adder, Parallel Binary Adder
	ICT-14	Latch, Clock/Clock Pulse, Flipflop (SR Flipflop, JK Flipflop, D Flipflop, T Flipflop
	ICT-15	Register, counter.
	ICT-16	Creative questions + Revision
Chapter-5 Programming Language	ICT-17	Programming- different generations of programming languages, first generation, second generation, third generation, fourth generation, fifth generation, level of programming language (low, middle, high)
	ICT-18	Translator program, compiler, interpreter, assembler.
	ICT-19	Steps of program creation, program organization, algorithm, flowchart (flow diagram), flowchart symbols, basic pattern of flowchart formation, rules for creating a flowchart.
	ICT-20	Examples of algorithms and flowchart
	ICT-21	C-Programming- History of programming language, structure of C program, constants, variables, data types, operators and their applications.
	ICT-22	Unary Operators, Binary Operators, Arithmetic Operators, Relational Operators, Logical Operators, Bitwise Operators, Assignment Operators, Precedence of Operators.
	ICT-23	Ternary operators, keywords, library functions and header files.
	ICT-24	Input/output, format specifiers, escape sequences.
	ICT-25	Control Statement- Branching & Looping, Conditional Control Statement (if, if - else, if - else if - else).
	ICT-26	Conditional control statement (switch - case - default), loop with goto statement.
	ICT-27	Loop (for loop, while loop, do while loop), entry control and exit control loop.