

COMPUTER SCIENCE — OBJECTIVE

Class 10th · 1st Annual 2025 — Group: I

Time: 15 Minutes	OBJECTIVE	Marks: 10
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NOTE: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of the relevant question number. Use marker or pen to fill in the circles. Cutting or filling of two or more circles will result zero mark in that question.

QUESTION NO. 1

1	Set of instructions given to the computer is called ____ (A) Hardware (B) Software (C) Operator (D) Condition
2	A software that helps the programmer to write computer program is called ____ (A) Compiler (B) Editor (C) IDE (D) Debugger
3	Symbol used for assignment operator is (A) = (B) % (C) + (D) /
4	getch() is used to take ____ as input from user. (A) Integer (B) Float (C) Character (D) Output
5	A set of multiple instructions enclosed in braces is called ____ (A) Output (B) Syntax (C) Statement (D) Block
6	Types of control statements are ____ (A) 5 (B) 3 (C) 2 (D) 4
7	Assigning values to an array for the first time is called ____ (A) Array declaration (B) Index (C) Loop (D) Array initialization
8	If the size of an array is 100, the range of index will be ____ (A) 0 - 99 (B) 0 - 100 (C) 1 - 100 (D) 2 - 102
9	The values passed to a function are called ____ (A) Bodies (B) Return types (C) Array (D) Arguments
10	Types of functions are ____ (A) 4 (B) 3 (C) 2 (D) 5

COMPUTER SCIENCE — SUBJECTIVE

Class 10th · 1st Annual 2025 — Group: I

Time: 1.45 Hours	SUBJECTIVE	Marks: 40
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SECTION - I**Note:** Section I is compulsory. Attempt any TWO (2) questions from Section II.**QUESTION NO. 2 Write short answers to any FOUR (4) questions:****8**

i	Define char data type.
ii	What do you know about case sensitive language?
iii	Define keyword.
iv	Define escape sequence.
v	Define binary operator.
vi	Draw the truth table of OR operator.

QUESTION NO. 3 Write short answers to any FOUR (4) questions:**8**

i	Draw a flow chart of if statement.
ii	Write down the names of types of C-Language Control Statements.
iii	What is meant by nested selection?
iv	What are three types of Loops?
v	What is the output of given code: For(int i = 1; i < 3; i++) printf ("Pakistan");
vi	What is meant by nested loops?

QUESTION NO. 4 Write short answers to any FOUR (4) questions:**8**

i	Find the errors in the following code: Int B[4] = {2,6,4,15,9}
ii	What is meant by data structure?
iii	Define function.
iv	What is meant by built-in function?
v	What are parameters of function?
vi	What is meant by signature of function?

SECTION - II

Q.5	Define variable declaration and variable initialization. Write down its general syntax. Also, give two examples of variable declaration.	2+2+ 2+2=8
Q.6	Explain the following with examples: (a) printf() (b) scanf()	4+4=8
Q.7	Write a program in C-language that takes percentage of student as input and displays "Pass" if the percentage is above 33 otherwise "Fail".	8

Notes on this transcription: This paper has no Urdu column; it is the English-medium version. • Transcribed from an "unsolved" guide reprint rather than the original board sheet, so no paper code is printed on the source. • Code is kept verbatim, including the deliberate errors Q4(i) asks candidates to find (capital "Int", and five initialisers for a four-element array) and the capital "For" in Q3(v). • Typeset by Tayarri from the original board paper; no answer key included.