Computer Science	Tenth, 2025 Lahore Board	Group – I
Time: 15 Min.	Objective Type	Marks : 10

Note:

Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer book. Cutting or filling two or more circles will result in zero mark in that question.

1.1 If there are three return statements in the function body —— of them will be executed

Ⓐ One Ⓑ Two
Ⓒ Three Ⓓ Four

2 ----- make it easier to read and write values in array:

Ⓐ Loops Ⓑ Conditions
Ⓒ Expressions Ⓓ Functions

3 Which of the following is not a type of operator:

Ⓐ Arithmetic operator Ⓑ Relational operator
Ⓒ Check operator Ⓓ Logical operator

4 —— can be thought of as a container to store constants:

Ⓐ Box Ⓑ Jar
Ⓒ Variable Ⓓ Collection

5 Include statements are written in ------- section :

Ⓐ Header Ⓑ Main
Ⓒ Comments Ⓓ Print

6 getch ( ) is not used to take — as input from user:

Ⓐ int Ⓑ float
Ⓒ char Ⓓ array

7 Identify the function name in the following :

int function (float, char)

Ⓐ int Ⓑ function
Ⓒ float Ⓓ char

8 ------ part of for loop is executed first:

Ⓐ Condition Ⓑ Initialization
Ⓒ Body Ⓓ Increment/decrement

9 An if statement inside another if statement is called ----- structure :

Ⓐ Boxed Ⓑ Repeated
Ⓒ Nested Ⓓ Decomposed

10 How many types of selection statement are there in C language .

Ⓐ 2 Ⓑ 3
Ⓒ 4 Ⓓ 5

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Time: 1.45 hrs.	Subjective	Marks : 40

PART – I

Q.2 Write short answers to any FOUR (4) questions: 8

i Who is programmer?
ii What is meant by syntax of programming language?
iii Differentiate between constant and variable.
iv What are format specifiers?
v Differentiate between unary and binary operators.
vi Write the output of the following code:

```
printf ("Hello \ t world \ n");
printf ("PAKISTAN");
```

Q.3 Write short answers to any FOUR (4) questions: 8

i Define compound statement.
ii Trace the errors of the following code:

```
if (x > 10)
    printf ("Good")
```

iii What is nested if statement?
iv Write for loop syntax.
v Write the output of the following code:

```
for (int x=2 ; x < = 20 ; x = x + 2)
    printf ("%d \ n", x);
```

vi What is nested loop structure?

Q.4 Write short answers to any FOUR (4) questions: 8

i What is built in function?
ii Define function parameters.
iii Identify the error in the following code :

```
void message ( );
{
printf ("Hope you are fine:)");
    return 23;
    }
```

iv Define user define function.
v Define an array.
vi Write down the syntax for array declaration.

PART – II

Note: Attempt any TWO questions.

Q.5 What is meant by data type of a variable? Explain the types of different data types used in C-language. 8

Q.6 Which operators are used in arithmetic operations? Discuss in detail with example. 8

Q.7 Write a program using if-else statement in C-language that inputs two numbers from user and display the greater number on screen. 8