Computer Science	Tenth, 2025 Lahore Board	Group – II
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 IDE stands for:
Ⓐ Integrated Digital Environment
Ⓑ Integrated Desktop Environment
Ⓒ Integrated Development Environment
Ⓓ Internal Disk Error

2 How many parts to develop C-program:
Ⓐ Two Ⓑ Four
Ⓒ One Ⓓ Three

3 The answer of expression 12+6/3 in C-language is:
Ⓐ 18 Ⓑ 20
Ⓒ 12 Ⓓ 14

4 Which of the following format specifier is used for integer data type:
Ⓐ %f Ⓑ %c
Ⓒ %d Ⓓ %m

5 if-else statement is known as ------:
Ⓐ Control variable Ⓑ Selection variable
Ⓒ Logical variable Ⓓ Loop variable

6 Which of the following expression is True:
Ⓐ 15 < 6 Ⓑ 5 = = 4
Ⓒ 5 + 4 Ⓓ 4 > 5

7 Using loops inside loops is called ------ loops:
Ⓐ For Ⓑ While
Ⓒ Do-while Ⓓ Nested

8 ---- make it easier to read and write values in array:
Ⓐ Loops Ⓑ Conditions
Ⓒ Expressions Ⓓ Functions

9 Which values passed to a function is called ------:
Ⓐ Arguments Ⓑ Parameter
Ⓒ Bodies Ⓓ Array

10 The ----- of a function is the data type of the value returned by function:
Ⓐ Prototype Ⓑ Signature
Ⓒ Body Ⓓ Return type

Computer Science	Tenth, 2025 Lahore Board	Group – II
Time: 1.45 hrs.	Subjective	Marks : 40

PART – I

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

i Differentiate between constants and variables.

ii Why do we need a programming environment?

iii Describe the purpose of using comments.

iv What are relational operators? Describe with an example.

v Which function of C-language is used to display outp on screen?

vi Describe the purpose of Modulus operator.

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

i What is meant by sequential control?

ii Draw a flow chart of if-else statement.

iii Define selection statement.

iv Find the error in the given code:

```
for (int i = 0, i < 10 , i + +)
    printf ("%d \ n", & i) ;
```

v Write the syntax of for loop.

vi What is meant by initialization of for loop?

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

i Which are the basic types of function?

ii What is meant by function signature?

iii Write two advantages of functions.

iv What is meant by function calling?

v Define an array in your own words.

vi Describe index of an array.

PART – II

Note: Attempt any TWO questions.

Q.5 Describe the basic structure of C-program. 8

Q.6 Define logical operator. Explain types of logical operators. 2,6

Q.7 Write a program that take a number as input from user and tells whether the given number is even or not. 8