

Computer Science Part-II

Swat 2025

Time: 20 Minutes

Marks: 15

Multiple Choice Questions
01 Mark for each

P-376

Roll No. of the Student

Serial No. Of the Answer Book

SECTION-A

Note:

- 1) Attempting all MCQs is compulsory. This paper along with the OMR sheet must be returned to the superintendent after due time.
- 2) Fill the circle (A)(B)(C)(D), which one is correct with blue or black ball point in separate OMR Sheet like ●
- 3) If more than one circle in the OMR sheet is filled then no credit will be given to such answer.

I.1. Windows is _____

- A system software (B) An application (C) A device driver (D) A network

ii. The first step in the system development life cycle is _____

- (A) Feasibility study (B) Planning ● Problem Identification (D) Development

iii. A _____ is a dispatchable unit of a process.

- (A) Task (B) Program ● Thread (D) State

iv. (False & True) False || False || True, evaluates to _____

- (A) True (B) False ● Both of these (D) None of these

v. We declare a function with _____ if it does not have any return type

- (A) Int ● Void (C) Float (D) Double

vi. Body of else statement is executed when _____

- (A) Else condition is true (B) If condition is true ● Else condition is false (D) If condition is false

vii. The variables defined usually at the top of a program before the main () are called _____

- (A) Local (B) Global ● Static (D) None of these

viii. Connecting or joining two strings together _____ built in function is used.

- (A) String cat () (B) Strcat () (C) String cocat () ● Strccat ()

ix. Which of the following header file must be included to use 'Setw' manipulator?

- (A) <String h> ● <iomanip h> (C) <Conio h> (D) <Iostream.h>

x. Inheritance is used to _____

- (A) Increases size of program (B) Make the program simpler ● Provide the facility of code reusability (D) Provide the facility of data hiding

xi. The operator used to get value at address stored in a pointer variable is _____

- (A) & ● * (C) && (D) ||

xii. Strings are character arrays. The last index of it contains the null character

- (A) \n (B) \t ● \0 (D) \f

xiii. Constructors are usually used for _____

- (A) Construction (B) Running classes ● Initializing objects (D) All of these

xiv. Default mode parameter for fstream is _____

- (A) ios::out ● ios::in (C) ios::in | ios::out (D) ios::out | ios::in

xv. If we have a statement int n; and we want to define a pointer to 'n' then its data type must be _____

- Pointer (B) Int (C) Void (D) null

P-377
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COMPUTER SCIENCE Part-II

Swat 2025

Note: Time allowed for section B and C is 2 hours and 40 minutes.

SECTION "B"

Marks: 36

II. Attempt any Nine of the following. All carry equal marks.

- i. List different functions of operating system.
- ii. Who are stakeholders of system development life cycle?
- iii. Write a C++ program to get 3 objects marks of a student and then calculate its total and percentage and display them on the screen.
- iv. Write the rules for naming variables in C++.
- v. Differentiate between Unary and Binary operators.
- vi. Write the general syntax of multiple statements if-else structure.
- vii. Define the term pointer.
- viii. What is wrong with the following piece of code?

```
// print all numbers from 9 to 0
For(int n=1; n<=9; n++)
Cout<<n<<" ";
```

- ix. What is String? How string is initialized?
- x. Differentiate between Formal parameters and Actual parameters.
- xi. Define Stream.
- xii. What is data Hiding?

SECTION "C"

Marks: 24

Note: Attempt any three questions of the following. All questions carry equal marks

- III. What are Operators? Explain logical operators in detail.
- IV. Write a program using for loop that prints odd numbers from 0 to 10.
- V. What is function overloading? Explain with the help of an example.
- VI. What is Object? How objects are created to access members of a class? Explain with example.