

P-461
Computer Science Part-II

HSSC-12th-Swat-2026

Time: 20 Minutes

Marks: 15

Multiple Choice Questions
01 Mark for each

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.i. _____ header file is required for gets () and puts () function.
- Stdio (B) Iostream (C) Stdlib (D) Both A & B
- ii. `int X = 22; cout << X%3;` what will be the output?
- (A) 0 ● 1 (C) 2 (D) 3
- iii. In switch-default statement the value brackets after switch must be _____ constant.
- (A) Double (B) Float ● Character (D) Both B & C
- iv. `cout << [1];` will display the _____ element of array Z.
- (A) First ● Second (C) Third (D) Size of array
- v. Which of the following is not an example of operating system?
- (A) iOS (B) Android ● Word (D) UNIX
- vi. _____ computer system is a computer which is part of another system such as robot, missile etc.
- Embedded (B) Parallel (C) Distributed (D) Time sharing
- vii. _____ is the functional requirement of a software.
- (A) Accessibility (B) Accuracy ● Interface (D) Performance
- viii. Declaration of a variable allocates block of _____ for a variable.
- (A) String (B) Words (C) Characters ● Memory
- ix. Which of the following is correct method to declare a pointer?
- `float*p;` (B) `float&p;` (C) `pointer*p;` (D) `point&p;`
- x. Constructor has the same name as that of:
- (A) Object (B) Data member (C) Member function ● Class
- xi. Public, private and protected are _____.
- (A) Data members (B) Member functions ● Access specifiers (D) Both A & C
- xii. _____ functions are pre-compiled.
- built-in (B) user-defined (C) Calculation (D) Operator
- iii. Actual parameters appear in function _____.
- (A) Formal (B) Informal (C) Automatic ● Actual
- iv. Function defined inside the body of another function is:
- (A) built-in (B) user-defined (C) Global ● Local
- v. _____ operator is used to access the memory address of a variable.
- (A) * (B) || ● & (D) &&

P-462

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COMPUTER SCIENCE Part-II

HSSC-12th-Swat-2026

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 questions. Each question carries equal marks.

- i. Write in short about the pseudo code.
- ii. Define header file and its uses in a program.
- iii. Write about the syntax and use of 'cout' with the help of example.
- iv. Write down the features of windows operating system.
- v. Differentiate between multitasking and multiprogramming.
- vi. Write a program in C++ that will display the series of odd numbers between 1 and 30 and display their sum also.
- vii. What is function? Write down the advantages of using functions.
- viii. Write about the scope of different access specifiers.
- ix. Write down the purpose of get () and puts () function. Give examples of each of these functions.
- x. Define compound assignment operators and its different forms.
- xi. Write a program in C++ that will input a letter from keyboard and display "vowel" if input is a,e,i,o or u and "consonant" otherwise.
- xii. Define array. Write in short about different terminologies of an array.

SECTION "C"

Marks: 24

Note: Attempt any three of the following questions. Each question carries 8 marks.

- III. Write a program in C++ that will find that whether an input number is prime or not.
- IV. Write a program in C++ that will input the temperature of 7 days of a week and find the hottest temperature of the week.
- V. What is SDLC? Write down the role of programmer, system analyst and software tester in SDLC.
- VI. How different features of a function can be changed to perform function overloading?