

Class : 11Register
Number**SECOND MID TERM TEST - 2023**

Time Allowed : 1.30 Hours

COMPUTER SCIENCE

[Max. Marks : 35]

PART - I

Choose the correct answer.

10X1 = 10

- The _____ function reads a string from standard input and stores it into the string pointed by the variable
(a) gets () (b) puts () (c) get () (d) put ()
- What is the value returned to the following function call?
cout << isalpha(12).
(a) 2 (b) 1 (c) 0 (d) None of these
- Which of the following is the scope operator?
(a) > (b) & (c) % (d) *
- Which function begins the program execution?
(a) isalpha () (b) isdigit () (c) main () (d) islower ()
- How many elements can hold in the given array?
int A[3][4];
(a) 3 (b) 4 (c) 12 (d) 7
- Structure definition is terminated by
(a) ; (b) } (c) : (d) ::
- Structure is declared using the keyword
(a) structure (b) class (c) struct (d) function
- Which of the following is a user defined data type?
(a) class (b) float (c) int (d) object
- The mechanism by which the data and functions are bound together into a single unit is known as
(a) inheritance (b) Encapsulation (c) Polymorphism (d) Abstraction
- Which of the following is the most important advantage of inheritance?
(a) data hiding (b) code reusability (c) code modification (d) accessibility

CH / II / CS / I

PART - II

3x2=6

Answer any THREE questions.

11. What is the use of void data type?
12. What is recursive function?
13. What is the syntax to declare two – dimensional array?
14. What is an array in C++?
15. What is polymorphism?

PART - III**Answer any THREE questions.**

16. What is the difference between isupper() and toupper() functions?
17. Write a short note about return statement.
18. Write note on Array of strings.
19. How to access members of a structure? Give example.
20. List some of the features of modular programming.

PART - IV**Answer all the questions.**

21. (a) Explain Call by value method with suitable example.

(OR)

- (b) Write a C++ program to find the difference between two matrix.

22. (a) Explain scope of variable with example.

(OR)

- (b) What are the advantages of OOPs?