

11 - Std SECOND MID TERM TEST - 2023

Time : 1.30 Hrs

COMPUTER SCIENCE

Marks : 35

10×1=10

I. Choose the correct answer.

- 1) Which of the following header file defines the standard I/O pre defined functions?
a) stdio.h b) math.h c) string.h d) ctype.h
- 2) By default, a string ends with which character?
a) \0 b) \t c) \n d) \b
- 3) The mechanism by which the data and functions are found together into a single unit is known as
a) Inheritance b) Encapsulation c) Polymorphism d) Abstraction
- 4) The variables declared inside the class are known as
a) data b) inline c) method d) attributes
- 5) Which is return data type of the function prototype of add(int, int):
a) int b) float c) char d) double
- 6) cin>>n[3]: To which element does this statement accept the value?
a) 2 b) 3 c) 4 d) 5
- 7) Which of the following is a user defined data type?
a) class b) array c) object d) float
- 8) Which of the following supports the transitive nature of data?
a) Inheritance b) Encapsulation c) Polymorphism d) Abstraction
- 9) Which of the following the scope operator?
a) > b) & c) % d) ::
- 10) Which of the following constructor is executed for the following prototype?
add display (add & a);
a) copy constructor b) default constructor
c) parameterized constructor d) non-parameterized constructor

II. Answer any 4 of the following.Q.No. 15 compulsory.

3×2=6

- 11) What are the importance of void data type?
- 12) What is polymorphism?
- 13) Define array?
- 14) Write about strlen() function.
- 15) Write the general form of class definition.

III. Answer any 3 of the following.Q.No. 20 compulsory.

3×3=9

- 16) What is the difference between Break and Continue?
- 17) What is the uses of following functions? (i) isalpha() (ii) toupper() (iii) strcmp()
- 18) Write down the syntax of creating a structure.
- 19) Write any three features of object oriented programming.
- 20) Write the general form of a class definition.

IV. Answer all the questions.

2×5=10

- 21) a) Explain call by value method with suitable example. (OR)
Explain two dimensional array with example.
- 22) a) What are the advantages and disadvantages of oops? (OR)
b) Write the characteristics of constructor.

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