

**11 - STD****SECOND MID TERM EXAM - 2023****COMPUTER SCIENCE**

REG. NO.

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MARKS : 35

TIME : 1.30

**10 x 1 = 10****I. Choose the correct answers**

- 1) Which functions begins the program execution ?  
a) isalpha()                      b) isdigit                      c) main()                      d) islower()
- 2) Which of the following is the scope operator ?  
a) >                      b) &                      c) %                      d) ::
- 3) `Cin>>n[3];` To which elements does this statement accepts the value ?  
a) 2                      b) 3                      c) 4                      d) 5
- 4) Structure definition is terminated by  
a) :                      b) }                      c) ;                      d) ::
- 5) when accessing a structure member ,the identifier to the left of the dot operator is the name of  
a) structure variable      b) structure tag      c) structure member      d) structure function
- 6) Insulation of data from direct access by a program is called as ?  
a) Data hiding      b) Encapsulation      c) Polymorphism      d) Abstraction
- 7) which of the following is the most important advantage of inheritance ?  
a) data hiding      b) code reusability      c) code modification      d) accessibility
- 8) "write once and use it multiple time " can be achieved by  
a) redundancy      b) reusability      c) modification      d) composition
- 9) The member function defined within the class behave like \_\_\_\_\_ function  
a) inline      b) non inline      c) outline      d) data
- 10) which of the following access specifier protects data from inadvertent modification ?  
a) private      b) protected      c) public      d) global

**3 x 2 = 6****II. Write the answers following any 3 Questions.**

- 11) Which are importance of void data type?
- 12) What is Traversal in an array ?
- 13) What is polymorphism ?
- 14) Write the disadvantages of oop?
- 15) What is the difference between the class and object in terms of oop?

**3 x 3 = 9****III. Write the answers following any 3 Questions.**

- 16) Write about strcmp() function ?
- 17) Define an array , what are the types ?
- 18) What is paradigm? Mention the different types of paradigm ?
- 19) What are the advantage of declaring constructors and destructor under public accessibility?
- 20) What is called anonymous structure? Give an example

**2 x 5 = 10****IV. Answers the Following Questions**

- 21) Explain scope of variable with example ? (OR)  
What is object oriented programming ,write the important features of object oriented programming concepts?
- 22) Write a note on the basic concepts that supports oops ? (OR)  
Mention the differences between constructor and destructor ?

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