

Ts11CS

Tenkasi District
Second Mid Term Test - 2023



22-11-2023

Time: 1.30 Hours

Standard 11
COMPUTER SCIENCE

Marks: 35

10×1=10**I. Choose the correct answer.**

- 1) Which function is used to check whether a character is alphanumeric or not.
a) isalpha() b) isdigit() c) isalnum() d) islower()
- 2) Which of the following is the scope operator?
a) > b) & c) % d) ::
- 3) cin >> a[4]; To which element does this statement accept the value?
a) 4 b) 3 c) 5 d) 6
- 4) By default, a string ends with which character?
a) \0 b) \t c) \n d) \b
- 5) The paradigm which aims more at procedures
a) object oriented programming b) procedural programming
c) Modular programming d) Structural programming
- 6) 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
- 7) Which of the following supports the transitive nature of data?
a) Inheritance b) Encapsulation c) polymorphism d) Abstraction
- 8) The variable declared inside the class are known as
a) data b) inline c) method d) attributes
- 9) Which of the following access specifier protects data from inadvertent modification?
a) Private b) Protected c) Public d) Global
- 10) add display(add &); Prototype is executed, which of the following constructor?
a) Default constructor b) Parameterized constructor
c) Copy Constructor d) Non Parameterized constructor

II. Answer any three questions. Q.No.15 is compulsory.**3×2=6**

- 11) What are importance of Void data type?
- 12) What is Traversal in an Array?
- 13) What is polymorphism?
- 14) Write down the importance of Destructor.
- 15) Differentiate structure and class

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III. Answer any three questions. Q.No.20 is compulsory.**3×3=9**

- 16) What are the information the prototype provides to the compiler?
- 17) How to access members of a structure? Give example.
- 18) What is paradigm? Mention the different types of paradigm?
- 19) Write with example how will you dynamically initialize objects?
- 20) List some of the features of modular programming.

IV. Answer all the questions.**2×5=10**

- 21) a) Explain call by value method with suitable example.

(OR)

b) What are the types of Arrays and Explain it.

- 22) a) What are the advantages of Oops?

(OR)

b) Mention the differences between constructor and destructor.
