

Ts11CS

Tenkasi District

Common Second Mid Term Test - 2024



28-11-24.

Standard 11

COMPUTER SCIENCE

Time: 1.30 Hrs.

Marks: 35

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

- 1) Which function is used to check whether a character is alphanumeric or not?
 - a) isdigit()
 - b) islower()
 - c) isalpha()
 - d) isalnum()
- 2) Which of the following is the scope operator?
 - a) &
 - b) %
 - c) ::
 - d) >
- 3) Which statement is used to get back the control from a function?
 - a) void statement
 - b) continue statement
 - c) return statement
 - d) break statement
- 4) By default, a string ends with which character?
 - a) \n
 - b) \b
 - c) \0
 - d) \t
- 5) When accessing a structure member, the identifier to the left of the dot operator is the name of
 - a) Structure tag
 - b) Structure member
 - c) Structure variable
 - d) Structure function
- 6) Which of the following is a user defined data type?
 - a) Float
 - b) Int
 - c) Class
 - d) Object
- 7) Insulation of the data from direct access by the program is called as
 - a) Encapsulation
 - b) Polymorphism
 - c) Data hiding
 - d) Abstraction
- 8) A function declared inside the class are known as
 - a) Data
 - b) Attributes
 - c) Inline
 - d) Method
- 9) Which of the following access specifier protects data from inadvertent modification?
 - a) Public
 - b) Private
 - c) Protected
 - d) Global
- 10) Which constructor is called as having a reference to an already existing object of its own class?
 - a) Default constructor
 - b) Parameterized constructor
 - c) Copy constructor
 - d) Reference constructor

II. Answer ANY THREE Questions. Q.No. 14 is compulsory:**3×2=6**

- 11) Write about strlen() function.
- 12) Define structure. What is its use?
- 13) What is Polymorphism?
- 14) Differentiate structure and class.

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III. Answer ANY THREE Questions. Q.No. 18 is compulsory: 3×3=9

- 15) What are the information the prototype provides to the compiler?
- 16) What are the advantages of declaring constructors and destructors under public accessibility?
- 17) Write a note on the features of procedural programming.
- 18) Write note on Array of strings.

IV. Answer all the questions: 2×5=10

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

(OR)

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

- 20) a) What are the advantages of OOPS?

(OR)

- b) Differentiate Constructor and Destructor.
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