

**CHRIST THE KING MATRIC HR SEC SCHOOL,  
KUMBAKONAM – 612 001.****2019****STD: XI  
SUB: COMPUTER SCIENCE****LESSON – 11, 12 & 13****MARKS: 50  
TIME: 1.30 MINS****PART – I****I. CHOOSE THE CORRECT ANSWER:****10\*1=10**

1. cin>>n[3]; To which element does this statement accepts the value?  
a) 2                                      b) 3                                      c) 4                                      d) 5
2. By default, the string and with which character?  
a) \0                                      b) \t                                      c) \n                                      d) \b
3. The data elements in the structure are also known as  
a) objects                                      b) members                                      c) data                                      d) records
4. Structure definition is terminated by  
a) :                                      b) }                                      c) ;                                      d) ::
5. Which of the following is the collection of variables of the same type that a referenced by a common name?  
a) int                                      b) float                                      c) Array                                      d) class
6. Array subscript is always starts with which number?  
a) -1                                      b) 0                                      c) 2                                      d) 3
7. Which of the following header file defines the standard I/O predefined functions?  
a) stdio.h                                      b) math.h                                      c) string.h                                      d) ctype.h
8. Which is return data type of the function prototype of add (int, int);  
a) int                                      b) float                                      c) char                                      d) double
9. Which of the following cannot be a structure member?  
a) Another structure                                      b) Function                                      c) Array                                      d) variable of double datatype
10. Which of the following is the scope operator?  
a) >                                      b) &                                      c) %                                      d) ::

**PART – II****II. ANSWER ANY 5 QUESTIONS: (Q.No. 12 is Compulsory)****5\*2=10**

11. What is the use of Void Command?
12. Write a note on Default Arguments?
13. What is meant by Parameter? What are the types of Parameters?
14. Define One – Dimensional Array
15. How the 2 – D array is declared?
16. Write the Syntax with example for the Structure?

**PART – III****III. ANSWER ANY 5 QUESTIONS: (Q.No. 20 is Compulsory)****5\*3=15**

17. Define the following:  
a) Inline Function                                      b) Return Statement                                      c) Header File
18. Define the following mathematical functions:  
a) cos()                                      b) sin ( )                                      c) sqrt( )
19. What are the different types of Function?
20. How to access members of a structure? Give Example?
21. List some important features of Modular Programming?
22. What are Row Major Order and Column Major Order?

**PART – IV****IV. ANSWER THE FOLLOWING QUESTIONS:****3\*5=15**

23. a) Define the Following Terms:  
i) Object    ii) Encapsulation    iii) Data Abstraction    iv) Inheritance    v) Polymorphism  
[OR]  
b) Write a C++ program to find the difference between two matrixes?
24. a) Define Scope? Explain the various types of scopes in C++ language?  
[OR]  
b) Explain the String Manipulations in C++ with example?
25. a) Explain the Call by Value and Call by Reference method with Program?  
[OR]  
b) What is Recursion? Write a program to find GCD using recursion.

**\*\*\*\*ALL THE BEST\*\*\*\***