T Thirunelveli District.

SECOND MID TERM TEST, NOVEMBER - 2019

STANDARD - XI

Time : 1.30 hrs   **COMPUTER SCIENCE**   Marks: 35

I. Choose the best answer:-   10×1=10

1) What was the original name given to C++?

   a) CPP   b) Advanced C

   c) C with classes   d) Class with C

2) Which is the extraction operator in C++?

   a) >>   b) <<   c) < >   d) ^

3) The operator used to access reference of a variable is ____

   a) $ b) #   c) &   d) !

4) Which of the following is not a Jump statement?

   a) Goto   b) Break   c) Continue   d) inline

5) A function that calls itself is called _____ function.

   a) recursive   b) inline   c) library   d) user defined

6) What is size of the given array. float K[4][3];

   a) 12 bytes   b) 48 bytes   c) 7 bytes   d) 24 bytes

7) ____ is a group of mixed datatypes into a single unit.

   a) Array   b) Structure   c) data   d) class

8) How many types of bitwise operators in C++?

   a) 3   b) 2   c) 4   d) 1

9) How many types of 'Type conversion' in C++?

   a) 3   b) 7   c) 2   d) 5

10) Which function takes two arguments?

   a) sin ( )   b) cos ( )   c) rand ( )   d) pow ( )

II. Answer any three questions. Qn.No.14 is compulsory:-   3×2=6

11) What are keywords? Can keyword be used as identifiers?

12) Why is char often treated as integer data type?

13) What is selection statement? Write its types?

14) Write the syntax of function definition of user defined function?

15) What is strings?

III. Answer any three questions. Qn.No.18 is compulsory: 3×3=9

16) Evaluate: x+=x+++x; let x=5

17) Write the syntax of switch statement and its purpose.

18) Convert the following if-else to a single conditional statement.

    if (x>=10)

        a = m+5 ;

    else

        a=m;

19) Explain strcmp ( ) function with example.

20) Write a program to accept and print your country name.

IV. Answer any two questions:-   2×5=10

21) a) What are the types of errors.   [or]

    b) Explain for loop with example.

22) a) Explain Scope of Variable with example.   [or]

    b) Explain call by value method in Function call.

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