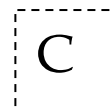# INDIAN SCHOOL MUSCAT
FIRST PERIODIC TEST

COMPUTER SCIENCE

CLASS: XI   Sub. Code: 083   Time Allotted: 50 mts.

05.12.2018   Max. Marks: 20

GENERAL INSTRUCTIONS:
- **Answer all questions.**
- **Programming language is C++.**
- **Write programs neatly and clearly.**

1. What is the difference between one-dimensional array and two-dimensional array?   1

2. What do you mean by Unsized array initialization? Give any example.   1

3. Consider the following array declaration: 1
              int N[10][20];
    i)   Find the number of elements in the array.
    ii)   Find the total number of bytes required to store the array.

4. What output does the following code fragment produce: 2

    int a[4], i;
    for(i=0 ; i<4; i++)
    a[i] = 5 * i;
    for(i=0; i<4; i++)
    cout<<a[i]<< "\t";

5. Write a program to accept a matrix **C** of size m x n of integers and display its border   3
    elements in matrix form.

6. Write a program to accept 5 integers to an array. Sort the array elements in ascending order   3
    and display the sorted array.

7. Write a program to accept 5 strings, reverse and store each string in the same array and   3
    display the resultant strings.

8. Write a program to accept a string and covert uppercase letters to lowercase and vice versa.   3
    Display the resultant string.

9. Write a program to accept an array of 'n' integers. Accept another integer from the user and   3
    check whether that integer is present in the array or not and display proper message.

End of the Question Paper