Computer Science

Reg.No. :

I.Answer all the questions.
II.Use blue pen only.
III.Question number 19 is compulsory.

Time : 01:00:00 Hrs

Total Marks : 40

Part-A

10 x 1 = 10

1) To treat spaces as part of string literal, one has to use _____

   (a) cin   (b) get   (c) void   (d) cout

2) String manipulators are defined in_____ header file.

   (a) string.h   (b) iostring.h   (c) iostr.h   (d) stdio.h

3) Which is a collection of variables of the same type?

   (a) Strings   (b) Matrix   (c) Function   (d) Array

4) Arrays are referred by a

   (a) Variables   (b) Subscripts   (c) Common Name   (d) constant

5) Rearranging the data given in array either ascending or descending order is called

   (a) Sorting   (b) Ascend   (c) Descend   (d) Merging

6) Which of the following is a derived data type in C++?

   (a) float   (b) array   (c) int   (d) char

7) Which is collection of variables of the same type that are referenced by a common name?

   (a) Array   (b) Variable   (c) Constant   (d) Program

8) In C++, which is a derived data type that can hold several values of the same type?

   (a) Array   (b) Constant   (c) Variable   (d) Inline function

9) Which can be used if processing each item may be very cumbersome and awkward.

   (a) Variable   (b) Array   (c) Function   (d) Constant

10) How many types of arrays are there in C++?

   (a) 3   (b) 5   (c) 2   (d) 4

Part-B

5 x 2 = 10

11) What is an array?

12) Write the syntax of single dimensional array . Write an example.

13) What is matrix ?

14) What is an array? Write its different types.

15) What are strings?or What is meant by array of characters?

Part-C

4 x 5 = 20

16) Why do the following snippets (quickly) show errors ?

17) What would be the contents of the array after intialization ?

18) (a) What would be the following -programs?

```
#include
void main()
{
char ch[ ] = {"END \0"};
cout << ch;
}
```

19) a)   Write a program to declare an array of integers that can hold to values, Read the elements of the of the array from the user nd also display the contents in the reverse order.

(OR)

   b)   Write a program to declare and intialize an array called as int-array, that stores the numbers 10, 20, 30, 40, 50. Display the sum of all elements in the array.

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