**Quiz**

Total marks: 18

Dated: 24/3/2020

**Write your answer inside the box.**

**1) Is ‘int temp[2] ={2,6,8,5};’ a valid statement? (1 mark)**

A) True B) False

**ANS:**

**2) Do arrays allow random access? (1 mark)**

A) True B) False

**ANS:**

**3) Arrays occupy consecutive memory area? (1 mark)**

A) True B) False

**ANS:**

**4) What will be the output of the program ? (2 mark)**

#include <iostream>

using namespace std;

int main()

{

1. int arr[5] = {51, 66, 1, 2, 45};
2. int i, j, m=1;
3. i = ++a[1];
4. j = a[m+1]++;
5. cout<< i<<”, ”<< j;
6. return 0;

}

A) 67, 2 C) 67, 1

B) 66, 2 D) None of the above

**ANS:**

**5) What will be the output of the program ? (2 mark)**

#include <iostream>

using namespace std;

int main()

{

1. int arr[5], i=-1, z;
2. while(i<5)
3. arr[i]=++i;
4. for(i=0; i<5; i++)
5. cout<< arr[i]<<” ”;
6. return 0;

}

A) -1 0 1 2 3 C) 0 1 2 3 4

B) 1 2 3 4 5 D) None of the above

**ANS:**

**6) What will be the output of the following code? (2 mark)**

#include <iostream>

using namespace std;

int main()

{

1. int i=0, j=0, k=0;
2. int x[10]={2,3,6,7,3,9,1,2,5,3};
3. for(i=x[5]; i> x[2]; i--)
4. cout<<x[i];
5. return 0;

}

**ANS:**

**7) Write a program that asks the user to type 10 integers of an array. The program must compute and write how many integers are greater than or equal to 10. (3 marks)**

**8) Design trace table for question 4, 5 and 6. For your convenience the code lines are numbered. You can draw trace table below *or* you can draw it on the paper and then share its snap with me while submitting your solution. (6 mark)**