- Which of the following correctly declares an array?

a. int array[10];
b. int array;
c. array{10};
d. array array[10];
e. array int[10];

- What is the output of the following code snippet

```
int array1[] = {100, 200, 300, 400, 100};
int array2[] = {1, 2, 3, 4, 5};
int temp, result = 0;
for (temp = 0; temp < 4; temp++)
result += array1[temp];
for (temp = 1; temp < 4; temp++)
result += array2[temp];
cout << result;
```

a. 1109
b. 1115
c. 1022
d. 1009
e. 1010

- What is the output of the following code snippet

```
int array[] = {10, 20, 30};
cout << array[3];
```

a. 30
b. Run time error
c. Compile time error
d. 0
e. 20

- Which of the following generates values from 50 - 90 (including 50 and 90)

a. rand() % (90) + 50
b. rand() % 90 - 50 + 1 + 50
c. rand() % (90 - 50) + 50
d. rand() % (91 - 51) + 50
e. rand() % (90 - 50 + 1) + 50

- Conside following prototype of a function

```
int minArray(int [], int );
```

Which of the option is correct way of function call assuming following array declaration ?

```
int x[5] = {7,4,6,2,3};
```

a. minArray(x,x);
b. minArray(x[4],10);
c. minArray(x[5],5);
d. minArray(x,5);
e. minArray(x);

- What does following declaration means

```
double array[3][4] = {};
```

a. An array having 12 values of 'double' datatype all having value '0'
b. This array has 3 rows/columns and 4 columns/rows
c. This array has 3 columns and 3 rows
d. An array having 20 values of 'double' datatype all having garbage values

e. a and b are correct

- If the size of an array is 10 then which of the following is true

a. The array index runs from 0 till 10.
b. The array index runs from 0 till 9.
c. The array index runs from 1 till 9.
d. The array index runs from 1 till 10.
e. User can change the index of array.

- Mark the correct statement regarding the following code

```
for(i=1;i<7;i++)
  for(j=1;j<9;j++)
```

This nested loop run for ____

a. 48 times
b. 63 times
c. 56 times
d. 54 times
e. 72 times

- What does the following code snippet do?

```
counter = 2;
do
{
   cout << counter << endl;
   counter += 2;
} while ( counter < 100 );
```

a. Prints odd numbers from 2 to 98
b. Prints odd numbers from 2 to 100
c. Prints even numbers from 2 to 100
d. Prints even number from 2 to 98
e. Does not compile due to syntax error

- What does the following code snippet do?

```
counter = 2;
do
{
   cout << counter << endl;
   counter + 2 = 2;
} while ( counter < 100 );
```

a. Prints odd numbers from 2 to 98
b. Prints odd numbers from 2 to 100
c. Prints even numbers from 2 to 100
d. Prints even number from 2 to 98
e. Does not compile due to syntax error