- 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

- Consider 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

```c
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?

```c
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?

```c
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