

يوم الامتحان: الارباء

تاريخ الامتحان: 12 / 6 / 2019 م

المادة : حاسب الي ( 430 ر) – لائحة قديمة

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مدرس بقسم الرياضيات بكلية العلوم

الاسئلة و نموذج الإجابة

ورقة كاملة



Computer Science

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**Answer the following questions:**

**1- Correct the error(s) in the following C++ segment codes.**

```
A- int B[10] = {0};  
   for(int i=0;i<=10;i++) B[i] = 1;  
B- H{5} = {1,4,3,6,11};  
   G{3,5} = {[1,3],[7,2]};  
   for(int i = 0; i <= 4; i++)  
       cout << H[i] << endl;  
       cout << G[2] + H[2,3] << endl;
```

```
C- void mass(int x){  
   int y = x*x;  
   return y;  
}
```

**2- Write the outputs of the following C++ programs.**

(A)

```
#include <iostream.h>  
bool fun(int number){  
   if (number % 2 == 0)  
       return false;  
   else  
       return true;}  
int main(){  
   int number = 8;  
   cout << fun(number) << endl;   return 0;}
```

(B)

```
#include <iostream.h>  
int main() {  
   const int SIZE = 7;  
   int marks[SIZE] = {74, 43, 58, 60, 90, 64, 70};  
   int S = 0;  
   double M;  
   for (int i = 0; i < SIZE; ++i)  
       S += marks[i];  
   M = (double) S/SIZE;  
   cout << M << endl;           return 0;}
```

**3- Write C++ program to find the maximum number of two integer numbers.**

# Model Answer

## Answer of Question 1

```
A- int B[10] = {0};
    for(int i=0;i<10;i++) B[i] = 1;

B- H{5} = {1,4,3,6,11};
    G[3][2] = {{1,3},{7,2},{1,1}};
    for(int i = 0; i < 4; i++)
        cout << H[i] << endl;
    cout << G[2][1] + H[3] << endl;

C- int mass(int x){
    int y = x*x;
    return y;
}
```

## Answer of Question 2

```
A-
    0

B-
    65.5714
```

## Answer of Question 3

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```
#include<iostream.h>
//Function Prototype
int maximum(int, int);

int main(){
    int a, b;

    cout << "Enter two integer numbers: " << endl;
    cin >> a >> b ;

    // a, b below are arguments to the maximum
    // function call
    cout << "Maximum is: " << maximum(a,b) << endl;
    return 0;
}
```

```
//Function definition  
int maximum(int x, int y){  
  int max;  
  if(x > y)  
    max = x;  
  else  
    max = y;  
  return max;  
}
```