

Daffodil International University

Department of Computer Science and Engineering

Class Test – 2 (Set-A)

Course: CSE-122-Programming and Problem Solving

Course Teachers: Dr. S.R.H. Noori

Total Time: 20 minutes

Total Marks: 15

Name: ID: Section:

1. Write the output of the following program

2

```
void main(){
    int x,y;
    for(x=0; x<3; x++){
        for(y=1; y<2; y++){
            printf("\n X=%d Y=%d",x,y);
        }
    }
}
```

OUTPUT:

2. How many times "Hello DIU" will get printed?

2

```
void main(){
    int x;
    for(x=-1; x<=10; x++){
        if(x < 5)
            continue;
        else
            break;
        printf("Hello DIU");
    }
}
```

A. Infinite times B. 11 times
C. 0 times D. 10 times

Answer:

3. Write the output of the following program

2

```
void main(){
    int a=300,b=150,c=100;
    if(a>=400)
        b=300;
        c=200;
    printf("B=%d C=%d\n",b,c);
}
```

OUTPUT:

4. Write the output of the following program

2

```
void main(){
    int x=5;
    while(x>1){
        x=x-1;
        printf(" %d \n",x);
        x--;
    }
}
```

OUTPUT:

5. Write the output of the following program

2

```
void main(){
    int check=3;
    switch(check)
    {
        case 1 : printf("Grade A \n");
        case 2 : printf("Grade B \n");
        case 3 : printf("Grade C \n");
        default: printf("Invalid \n");
    }
}
```

OUTPUT:

6. Write the output of the following program

2

```
void main()
{
    int a =5 , b =3 , c=1;
    b = (a == 5) ? 4 : 5;
    c = (b == 3) ? 6 : 7;
    printf("Value of b is %d\n",b);
    printf("Value of c is %d\n",c);
}
```

OUTPUT:

7. Write a C program to find sum of all odd numbers from 1 to n , where n is given by the user.

3