[E] WRITE THE OUTPUT:

1.

```
#include<stdio.h>
#include<conio.h>
#include<math.h>

 int main(){
     float area;
     int radius=1;
     area =circle(radius);
     printf("/n%f",area);
     return 0;
 }
 circle(int r){
     float a;
     a=3.14*r*r;
     return(a);
 }
```

Output: 3.0000

2.Error .

[F] ANSWER THE FOLLOWING:~

A.

```
include<stdio.h>
#include<conio.h>
int main(){
    int x;
    float y,product;
    float finalproduct( int,float ); //function prototype
    printf("Enter float value and integer value");
    scanf("%f %d",&y,&x);

    product=finalproduct(x,y); // function call
    printf("/n Product of %d and %f=%f",x,y,product);
return 0;

}
float finalproduct(int x,float y){
```

```
    float p;
    p=x*y;
    return p;
}
```

B.

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
void function(int*,int* ,double* );

int main(){
    int sum,avg;
    double sd;
    function(&sum,&avg,&sd);
    printf("\nSum=%d\n \nAverage=%d \nStandard Deviation=%lf", sum,avg,sd);
    return 0;
}

void function(int *sum,int *avg,double *sd){
    int n1,n2,n3,n4,n5;
    printf("print the 5numbers");
    scanf("%d%d%d%d%d",&n1,&n2,&n3,&n4,&n5);
    //calculations
    *sum=n1+n2+n3+n4+n5;
    *avg=*sum/5;

*sd=sqrt((pow((n1-*avg),2)+pow((n2-*avg),2)+pow((n3-*avg),2)+pow((n4-*avg),2)+pow
((n5-*avg),2))/4);
    }
```

C.

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
void function(float*,float* );

int main(){
    float avg, percentage;
```

```
    function(&avg,&percentage);
    printf("\nAverage=%f \nPercentage=%f",avg,percentage);
    return 0;
}

void function(float *avg,float *percentage){
    int x=100;
    int n1,n2,n3;
    printf("print the 3 marks:");
    scanf("%d%d%d",&n1,&n2,&n3);
    //calculations
    *avg=(n1+n2+n3)/3;
    *percentage=(n1+n2+n3)/3;
    }
```

[G]WRITE THE OUTPUT:

a. 5 2
b. 25 4
c. 16 2
d. 1223 1223 1223
   13.50 13.50 13.50 13.50 13.50

[H]POINT OUT ERRORS:

1. Int c has to be declared inside braces
2. 'Q' and 'g' has to be pointer integers.
3. Data type of function parameter has to be inside the closed brackets
4. No error.

[J] WRITE THE OUTPUT:

1. Closing bracket missing.
2. 1
   2
   3
   4
   5