

Name						A
Roll No.		Dept.		Section		

Total 10 Marks**Instructions:**

1. This question paper contains a total of **1** page (**1** side of paper).
2. Write your name, roll number, department, and section on every side of every sheet of this booklet
3. Write final answers neatly with a blue/black pen in the given boxes.
4. **Answers written outside the box will NOT be graded.**

Q. 1: Write the output of the following program in the appropriate box.

(2+2+2+1+3=10 Marks)

```
1  #include <stdio.h>
2  #include <math.h>
3  int main()
4  {
5
6      int a=4,b=5,c=7,d=2,e=10,f=4, g=3;
7
8      printf("%d\n" , ++a--b);
9      printf("%d\n" , c++ - !--d - ++a);
10
11     float val = floor(pow(2.0,3.0)+0.7);
12     printf("%.3f\n", val);
13     printf("%d\n", 3 <= 4 <= 1);
14
15     if(!e%f%g){
16         printf("1\n");
17     }
18     else if(g >= e + f || e != f && e){
19         printf("2\n");
20     }
21     else
22         printf("3\n");
23     return 0;
24 }
```

Line No.	Output
8	0
9	1
12	8.000
13	1
15-22	2