

ESC 101: Fundamentals of Computing				Minor Quiz 1		Date: 18 – 01 - 2019	
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.

(1+2+2+2 = 7 Marks)

```

1  #include <stdio.h>
2
3  int main()
4  {
5      char a = 'a';
6      a = a + 'n' - 'm';
7      printf("%c\n", a);
8
9      int b = (float) 5.75;
10     printf("%.2f\n", (double)b);
11
12     float c = 10 + 2/4;
13     printf("%.2f\n", c);
14
15     float d = 20/3.0;
16     printf("%.2f\n", d);
17 }
```

Line No.	Output
7	b
10	5.00
13	10.00
16	6.67

Q. 2: Given a **3-bit** memory space, what is the most negative **int** a C compiler can store in that space? Write your final answer in the box provided.

(3 Marks)

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