

## OnlineTestQP-2

**BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI**  
**FIRST SEMESTER 2020-21**  
**ONLINE EXAM (OPEN BOOK)**  
**OBJECT ORIENTED PROGRAMMING (CS/IS F213)**

**TIME:** 45 Min

**MAX MARKS:** 20

**DATE:** 08/11/2020

### Problem Description

There is no explicit description of the question paper. Partially implemented java code is provided to you. Read the java code. There are eight questions in Question Paper-2 for which you have to provide java implementation i.e., complete the partial Java code provided to you in the file OnlineTestQP2.java. The description of each question is written in the form of comments inline of the method stubs that are intentionally left unimplemented.

**One important advice is that, you should thoroughly understand the structure of all the classes and read the questions that are asked. After only that you should start writing the code.**

1. Description of “OnlineTestQP2.txt” file - This file contains student records of a particular course. The file should be interpreted as follows:

BITS, Pilani 333 031. Dept of CSIS OOP	Header
6	No. of student records
Jay Kumar, CSE, 11 Kushi Gupta, CSE, 7.6 Ankit Agarwal, CSE, 7.6 K arun, EEE, 8.3 Ankit Agarwal, CSE, 6.5 Jay Kumar, Mech, 9	Student records: FirstName LastName, DEPT, CGPA

2. Sample Execution:Run 1

```
Validation fails for Record no 1: First or Last Name should start with a capital
letter; cgpa not in range;
Validation fails for Record no 4: First or Last Name should start with a capital
letter;
Enter the dept name [CSE or EEE or Mech]
Mech
791 Jay Kumar 9.0
```

3. Sample Execution:Run 2

```
Validation fails for Record no 1: First or Last Name should start with a capital
letter; cgpa not in range;
Validation fails for Record no 4: First or Last Name should start with a capital
letter;
Enter the dept name [CSE or EEE or Mech]
CSE
29 Ankit Agarwal 7.6
369 Kushi Gupta 7.6
2 Ankit Agarwal 6.5
```

\*\*\*\*\* BEST OF LUCK \*\*\*\*\*