

**Babu Madhav Institute of Information Technology,  
Uka Tarsadia University**

**5 years Integrated M.Sc. (IT) (Semester – 4)**

**Subject: 060010409- CC11 Java Programming**

**Practical CIE -2**

**Set:A**

**Duration : 2 hours**

**Max.Marks : 30**

**Date :14<sup>th</sup> March, 2020**

Institute authority wants application to maintain importation for lab. Lab Assistant of institute have to maintain information of lab after lab hours completed. Lab Assistant will insert information like – Labduration, Lab\_Day, Lab, Class, Subject, and Present Faculty.

Perform below information :

- Lab Assistant can **add** lab data into tbl\_lab\_register.
- Entered\_on date should be today date take it using inbuilt function.
- Store present faculty using “:” separated. [Consider there are at least 3 faculty in lab]
- **Do not allow duplicate entry**. [Check based on lab duration , lab, day and subject]
- Throw **exception** if other than CL-01 or CL-02 entered in lab.
- After successful insertion **display** whole schedule of lab as per day and lab.

Note :

1. Insertion with checking duplicate entry- 13
2. Insertion with checking exception of lab- 14
3. Insertion with both operation – 20
4. View schedule - 10 (05 for each)
5. Insertion simple -08

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Create application for Head master salon. Design one java based program for appointment management and customer management.

For appointment customer provide information like – customer name , contact number ,gender, appointment date time on he/she wants appointment, facility which he/she wants to use and specific head master for particular appointment.

[In facility have to store multiple facility separated by “ : “

e.g.: Hair cutting: facial: pedicure. (Add at least two facility)]

As per customer data system have to perform below operation :

1. **Make customer appointment entry** in maintainer table:

- Check if head master is free or not and if he/she is free than mark appointment status as approved and **Generate receipt** for customer if appointment is approved. Which contain details like: Appointment number (Display random number), booking date customer name, contact number, gender, appointment date, head master and facilities which he/she wants to else make appointment status as rejected and send a message that head master is not free on particular date and time.
- If customer had not given headmaster on particular booking then throw exception as head master is required for appointment.

Note :

1. Insertion with checking master availability – 13
2. Insertion with checking exception – 14
3. Insertion with both operation – 20
4. View Receipt - 10
5. Insertion simple -08