

INSTRUCTIONS TO STUDENTS

Sub Code & Name: ISL67 Object Oriented Analysis and Design Patterns Lab

1. Scheme of Evaluation**:

Component	Marks	Deadline	
		Batch 1	Batch 2
Record Submission	20	13.08.2021	12.08.2021
Viva	10	14.08.2021	
Test	20	13.08.2021	19.08.2021

**These deadlines are specific to VI C

2. Instructions for Record

- A. Write all the programs in college record book
- B. For Part A class diagram, use StarUML and Vi lab tool (<https://www.vlab.co.in/broad-area-computer-science-and-engineering>) to draw the same, take print out and paste.
- C. Drawing class diagram in Vi lab tool must be recorded compulsorily in record notebook.
- D. For Part B Lab Programs, write down those programs. You can take printout of the output and paste it in record
- E. Delayed or incomplete submission by every day leads to mark deduction

3. Instructions for Viva

- A. MCQ Test will be conducted
- B. No of questions : 10
- C. Duration : 45 minutes
- D. Mode of the exam : Google Form

4. Instructions for Internal Test

- A. One question will be given. Class Diagram has to drawn for it. And implementation of Java must be done.
- B. Class Diagram – 8 Marks; Java Code and Execution – 12 Marks
- C. Evaluation Guidelines
Class Diagram -> Good design of individual classes but no perfect relationship between classes can be given only 5 marks

Java Program	Marks
Complete output	12
Partial output (Only few functionalities missing)	10
Partial output (Many functionalities missing)	9
Errors (few)	7
Errors (many)	5
Partially typed	4

Detailed instructions for 2C - Class Diagram in Vlab

1. Visit <http://vlabs.iitkgp.ac.in/se/>
2. Click on **Modeling UML Class Diagrams and Sequence diagrams**
3. Go through the instructions mentioned in “Procedure” tab.
4. Go to the “Exercises” tab
5. Click on the question; Read and try to solve
6. After adding class or attribute or operation or relationship, click on “Draw” button