

Question Bank (G scheme)

Name of subject: OBJECT ORIENTED MODELING AND DESIGN

Unit Test: II

Subject code: 17630

Course: IF6G

Semester: VI

Chapter 3

3 marks

1. Draw the sequence diagram for making a telephone call.
2. Explain different types of messages used in sequence diagram.

4 marks

3. Explain sequence diagram with suitable diagram.
4. Explain the following terms with respect to sequence diagram.
 1. Object
 2. Activation bar
 3. Object Lifeline
 4. Message Arrows
5. Draw the sequence diagram for Railway Reservation System.

Chapter 4

3 marks

6. Describe “Join and Fork” in activity diagram.
7. Describe “Swim lanes” in activity diagram.
8. Explain Composite state diagram.
9. Explain Concurrent state diagram.

4 marks

10. Explain modeling of work flow.
11. Explain the following terms under activity diagram
 1. Action state
 2. Activity states
 3. Transition
 4. Branching
12. Draw activity diagram for withdrawing money from bank through cheque.
13. Draw activity diagram for issuing book.
14. Draw Activity Diagram for ATM.
15. Explain state, event, action and activity with respect to statechart diagram.
16. Draw and explain state chart diagram for ATM.
17. Draw state chart diagram for railway reservation system.
18. Explain modeling of flow control.

Chapter 5

3 marks

19. Explain components and their types.
20. Draw the symbols used in deployment diagram and state use of it.

4 Marks

21. Describe component diagram with example.
22. Draw component diagram for railway reservation system.
23. Describe Deployment diagram with example.
24. Draw deployment diagram for ATM.
25. Draw deployment diagram of a network in your college.