

Question Bank (G scheme)

Name of subject: OBJECT ORIENTED MODELING AND DESIGN

Unit Test: I

Subject code: 17630

Course: IF6G

Semester: VI

3 marks

1. Explain Object Oriented Themes.
2. Explain overview of UML.
3. State and explain structural things in UML.

4 marks

4. Explain Object Oriented Development.
5. Mention different modeling techniques suggested by OMT .write their purpose in object oriented analysis.
6. What is importance of modeling? Give four principles of modeling.
7. Explain conceptual model of UML in brief.
8. Explain different kind of relationships in UML.
9. Explain diagrams in UML.
10. Explain UML Metamodel.
11. Explain Unified Software Development life cycle of UML.

Chapter 2

3 marks

12. How will you use Association as a class?
13. Explain Qualified Association with suitable example.
14. Explain concept of Generalization and inheritance with suitable example.

4 marks

- 15 .Explain following terms:
 - i) Class
 - ii) Object
 - iii) Aggregation
 - iv) Propagation of operation
16. Describe Links and Associations with appropriate example.
17. Draw the appropriate symbols and suitable examples for following.
 - i) Multiplicity
 - ii) Role Name
 - iii) Ordering
 - iv) Constraint
18. How will you show implementation of multiple inheritance? Explain with example and diagram
19. Compare Aggregation and Association. Give an example of each.
20. What is Meta data? Explain with example.

21. Explain Class diagram and Draw Class diagram for library management system.
22. Explain different relationships used in class diagram and Draw Class diagram for ATM.
23. Explain object diagram, attributes and methods.

Chapter 3

3 marks

24. Draw use case diagram of library management system.
25. Draw use case diagram for booking a ticket at railway reservation window.

4 marks

26. Explain use case diagram and Draw use case diagram for ATM system.