

CS403 Software Engineering (RGPV)

Unit-2: Requirement Elicitation, Analysis and Specification

Most Important Questions based on PYQ Analysis (2022-2025)

1. Explain Use Case Modeling with suitable example and diagram.
2. Draw and explain Use Case Diagram for a real-world system.
3. Explain Software Requirement Specification (SRS) and its structure.
4. Discuss key contents/components of an SRS document.
5. Differentiate Functional and Non-Functional Requirements with examples.
6. Explain Requirement Elicitation Techniques in detail.
7. Explain Requirement Engineering Process with neat diagram.
8. Describe Requirement Validation and various validation checks.
9. Explain Requirement Traceability and its importance.
10. Explain Requirement Sources with examples.
11. Differentiate Function-Oriented Modeling and Object-Oriented Modeling.
12. Explain Analysis Modeling and its objectives.
13. Explain DFD and its levels.
14. Explain Object-Oriented Modeling with suitable example.
15. Write short note on Requirement Management.