

MID-I EXAMINATION UNIT WISE MODEL QUESTIONS

(Student should refer PPT, Notes and prescribed Text Book)

UNIT-I

1. Explain the nature of software. How is software different from traditional engineering products?
2. Explain the importance of software process frameworks.
3. What are the Umbrella activities? Explain briefly.
4. Explain the five maturity levels of CMMI with examples.
5. Draw and explain Waterfall Model. What are the advantages of it.
6. What are Evolutionary Process Models? Give suitable examples.
7. Explain about the Incremental process model with neat diagram.
8. Explain about the RAD model along its advantages and disadvantages?
9. Explain about Unified Process Model with a neat diagram?
10. Explain the Concurrent Process Model with a neat diagram.
11. Explain the concept of Iterative and Incremental nature in Agile.
12. Explain agile model for software development in the context of SCRUM?

UNIT-II

1. Differentiate between functional and non-functional requirements with examples.
2. Explain about various types of non-functional requirements with a neat diagram?
3. Write down any 5 functional requirements for Ticket reservation system?
4. What is an SRS? Explain its importance.
5. List and explain the characteristics of a good SRS.
6. What is requirements specification? Why is it needed?
7. What is the importance of feasibility study? Draw and explain?
8. What are the ways of discovering the requirements? Explain?
9. Explain about Spiral view for Requirements Engineering process?
10. Define requirements elicitation. Explain any two elicitation techniques?
11. What are the checks to be performed for requirements validation process?
12. Define requirements management. Explain its role in software development.