FACULTY OF SCIENCE || DEPARTMENT OF COMPUTER APPLICATIONS || MCA

20MCACC301 || Software Engineering || List of questions

Unit: 1 and 2

1. Explain Linear Sequential model.
2. Explain Prototyping model.
3. Explain RAD model.
4. Explain Traditional Software process model.
   a. Waterfall model
   b. Incremental process model
5. Explain Evolutionary process model.
   a. Spiral Model
6. What are the disadvantages of the traditional software process model?
7. What do you mean by agile software development? Discuss its advantages over the traditional one.
8. Explain the characteristics agile software development.
9. Explain Scrum in detail.
10. Explain Extreme Programming in detail.
11. What is meant by requirement engineering? Explain advantages of it.
12. Explain in detail types of requirements.
13. Write a note on feasibility study.
14. What do you mean by requirement elicitation? Explain problems faced while eliciting requirements.
15. Explain in brief various requirement elicitation techniques.
16. What is meant by SRS? Explain the checklist for writing good SRS document.
17. What do you mean by requirements management? Explain requirements management plan in brief. (for tracking and traceability table is not required)
18. Explain cohesion with its types.
19. Explain coupling with its types.