

## **All The best For Exams - Rejinpaul Team**

**Anna University Exams April / May 2019 – Regulation 2017**

**Rejinpaul.com Unique Important Questions – 4th Semester BE/BTECH**

**CS8494 Software Engineering**

1. What are the necessities of life cycle model? Elaborate on the various issues of software life cycle
2. Explain the system engineering hierarchy. What does a system engineering model accomplish? What are the restraining factors to construct a system model
3. Explain Software Life Cycle .List all life cycle model and explain spiral model with neat diagram
4. Describe waterfall, incremental, iterative waterfall, spiral model based on SLCS and compare
5. Explain software prototyping. What are the various prototyping methods and tolls.
6. Discuss in details about the elements in data modeling
7. State and explain the requirements engineering tasks in detail
8. Explain with example diagram the functional and behavioral modeling
9. Write a detailed note on scenario based modeling
10. Describe how Software requirements are documented? State the importance of documentation
11. List and brief about 10 usability Heuristics design.
12. Explain realtime software design with an example
13. What are the different types of architectural styles exist for software and explain any one software architecture in details
14. Describe transform and transactional mapping by applying design steps to an example system.
15. Explain the user interface design activities.
16. Explain in detail the various testing strategies
17. Explain the various types of black-box testing methods.
18. Distinguish between black box and white box testing. Explain the different integration testing approaches.
19. What are the attributes of a good test? Explain the test case design.
20. Explain in detail about alpha and beta testing
21. Explain detail about COCOMO Model
22. Explain Risk Management in detail
23. Explain FP based Estimation & LOC based Estimation.
24. Explain Project Scheduling.

**Questions Are Expected for University Exams This May or may Not Be Asked for Exams**

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