**Question Bank (Software Engineering)**

1. Define Software Engineering
2. What is Software Crisis?
3. Discuss about SDLC in software engineering.
4. Discuss Evolving Role of Software Engineering.
5. Explain Waterfall Model.
6. Discuss Prototyping Model
7. Explain Sprial Model.
8. What are the various characteristics of Software?
9. Differentiate between Software Process and Project metrics.
10. Discuss Software Project Management Concept.
11. Explain Software Project Estimation techniques.
12. Discuss COCOMO Model.
13. Analyze the Risk Involved in Software Project Management.
14. Discuss DFD and ER-Model Concept.
15. What do you understand by Modularity?
16. Discuss various design Principles.
17. Explain various types of Coupling and Cohesions.
18. Discuss various software testing techniques.
19. Explain SQA.
20. Elaborate Validation and Verification Strategies.
21. Explain ISO 9000 quality standards.
22. Discuss Software Re-Engineering.
23. Discuss process of Reverse Engineering
24. Define Software Reliability.
25. What do you understand by SCM (Software Configuration Management).
26. What are the applications of CASE tools in Software Engineering
27. Explain various debugging approaches.