1. What is Software Engineering?
2. What are the elements to be considered in the System Model Construction?
3. What does a System Engineering Model accomplish?
4. What are the various categories of software?
5. What are the characteristics of the software?
6. What are the internal milestones?
7. Define Software process?
8. What are the challenges in software?
9. What is the limitation of RAD Model?
10. What are the disadvantages of classic life cycle model?
11. What are the merits of the incremental model?
12. What is the disadvantage of the spiral model?
13. Name the Evolutionary process Models?
14. What are the benefits of prototyping?
15. Define Software Prototyping?
16. What are the prototyping methods in software process?
17. What are the various Rapid prototyping techniques?
18. What are the uses of User-Interface Prototyping?
19. What is the principle of the prototype model?
20. Define System Context Diagram (SCD)?
21. Define Quality Function Deployment (QFD)?
22. What is Requirement Engineering?
23. What is ERD?
24. What is DFD?
25. What is a state transition diagram?
26. What is Software Quality Assurance?
27. What is the use of CMM?
28. What is coupling?
29. What is cohesion?
30. Define Refactoring?
31. What is Software Architecture?
32. Define Stamp coupling?
33. Define common coupling?
34. Define temporal cohesion?
35. Define metrics?
36. What is COCOMO model?
37. What is the purpose of the timeline chart?
38. What are the steps followed in testing?
39. Define Smoke Testing?
40. What are the benefits of Smoke Testing?
41. What is Equivalence Partition?
42. Distinguish between Alpha and Beta testing?
43. What are the types of Static Testing tools?
44. What are the types of software maintenance?
45. What is CASE Tools?
46. What is Risk management?
47. Define maintenance?