Software Testing
Question Bank for End-Sem

1. Define manual testing with its advantages.

2. List any 8 advantages of manual testing.

3. List out major limitations of manual testing.

4. Draw a diagram to explain manual testing with one example.

5. Difference between manual testing and automation testing.

6. Explain the need of automation testing.

7. Give any 3 advantages and disadvantages of using testing tools.

8. Define static testing tool with its features.

9. Define dynamic testing tools.

10. Describe the criteria everyone should consider before taking any tool for use.

11. When does automation test make sense ?

12. Define software metrics.

13. State different types of metrics with its classification.

14. Explain need of software measurement.

15. Define defect with its causes.

16. List out the effects caused by a defect.

17. Explain defect life cycle.

18. Describe defect template with one example.

19. Explain defect classification.

20. Define test plan with its advantages.

21. Prepare a test plan for payment gateway.

22. Prepare a test case for make my trip.

23. Prepare 8 test cases for library management system.

24. Describe entry and exit criteria.

25. Explain test infrastructure management.

26. Prepare 6 test cases for calculator application.

27. Explain unit testing with the help of a diagram.

28. Define stub and driver and when we use driver and stub in software testing ?

29. Explain integration testing with its types.

30. Difference between top-down and bottom-up.

31. Describe principles for testing on web applications.

32. Explain performance testing.

33. Explain approaches of web application testing.

34. What is the difference between load testing and stress testing ?

35. Explain client server testing with its features.

36. Explain acceptance testing.

37. Difference between alpha testing and beta testing.

38. List out checklist for GUI testing.

39. List out objectives of software testing.

40. Describe fundamentals principles of testing.

41. Describe the skills required for a tester.

42. Define test case with its attributes.

43. Define fault , bug , mistake , error .

44. Explain v-model.

45. Difference between verification and validation.

46. Difference between quality assurance and quality control.

47. Describe inspection under static testing.

48. Define static and dynamic testing.

49. What is meant by walkthrough in software testing ?

50. Explain white box testing.

51. Difference between walk through and inspection.

52. Explain code coverage testing.

53. Explain black box testing.

54. Explain boundary value analysis.

55. Difference between black box and white box testing.

56. Explain equivalence portioning with respect to equivalence classes.

57. Why boundry value analysis is required ? Give example.

58. Describe requirement based testing.