Question Bank

1. Testing Definition?
2. Levels of Testing?
3. Types of testing?
4. Static & Dynamic
5. Execution Based Non Execution Based Testing
6. Techniques of Testing-
7. Static
8. Dynamic
9. Black box
10. White box
11. Define
12. Error
13. Bugs
14. Failure
15. Fault
16. Precision and Accuracy,
17. Verification and Validation,
18. Quality and Reliability,
19. Testing and Quality Assurance.
20. Difference
21. Black & Box
22. Static & Dynamic
23. Testing and Debugging
24. Accuracy and precision
25. Inspection & review
26. Review and walkthrough
27. Manual & Automation
28. Preventive versus Reactive Approach,
29. Analytical versus. heuristic Approach
30. Functional & Non functional
31. What is test case? What are the information it contains?
32. List out the limitations of random testing.
33. Differentiate verification and validation
34. Which testing strategy is best to uncover the defect? Why?
35. Enumerate the white box testing methods. Also write one merit for each.
36. Give an example for design defect and testing defect.
37. What is the significance of testing? Explain.
38. Describe the goals of software testing.
39. What is the role of decision tables in software testing.
40. Explain Cause-Effect Graphing based testing.
41. Describe briefly basis path testing with an example.
42. Compare Structural Testing at Module level v/s System level.
43. List out any 8 common testing tools and discuss their use in testing.
44. Explain Unit Test Planning.
45. Explain the methods of Quality Management.
46. Explain coverage-based and risk based test case prioritization.
47. What are the challenges in testing for web based software.
48. Write about the Psychology for Software Testing?
49. Define STM? What is the need of testing and when to stop testing?
50. Draw the Life Cycle of a Bug
51. Discuss about Verification of User Interface Design
52. Explain in brief about Black Box Testing Techniques
53. How to verify Low level Design?
54. What is the Use of connection matrix in finding cyclomatic complexity?
55. Illustrate with an example
56. Why do we need White box testing? Justify
57. Define System Test. What are the Categories of Systems Tests?
58. What are the Benefits of Regression Testing? [8M]
59. Explain in brief about the Test Process Improvement (TPI) Model
60. Write about Procedural and quantitative approach to quality management.
61. Describe in brief about Thread based Integration Testing and UML based OO testing
62. Explain in brief about Categorization of Testing Tools
63. What is test plan
64. List components of test plan
65. TEST Case
66. Elements of test cases
67. Monkey testing
68. Metrics of testing (How to Measure performance of testing )
69. Entry and exit Criteria
70. Testing and Productivity relate
71. Relate Cost and Testing
72. Relate risk and Testing
73. Risk Analysis in testing
74. Quality
75. Test Suite
76. Test Criteria
77. Unit Testing
78. Integration Testing
79. System Testing
80. Acceptance Testing
81. Regression Testing
82. Alpha Testing
83. Beta Testing
84. Path Coverage
85. Cyclomatic Complexity Example
86. User Interface
87. Compatibilty Testing
88. Website Testing How and What to check?
89. Interface Testing
90. Different Eroor’s with examples
91. Compuatation
92. Data Reference Errors
93. Data Declaration Errors,
94. Computation Errors,
95. Comparison Errors,
96. Control Flow Errors,
97. Subroutine Parameter Errors,
98. Input/ Output Errors, and Other checks.
99. Automation Testing Tools
100. Why Automation
101. What are the Steps before Automation
102. Test Planning
103. Role and participants of Test team
104. Quality Assurance
105. Test To pass and Test to Fail.