

LEVELS OF TESTING

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TECHNICAL QUESTIONS:

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- 1.What are the different levels of testing?
- 2.What is unit testing?
- 3.What is integration testing?
- 4.What is system testing?
- 5.What is acceptance testing (UAT)?
- 6.Who performs each level of testing?
- 7.What is the purpose of levels of testing?
- 8.What is the sequence of testing levels?
- 9.Can levels of testing overlap?
- 10.Why is unit testing important?
- 11.Difference between unit testing and integration testing?
- 12.Difference between integration testing and system testing?
- 13.Difference between system testing and acceptance testing?
- 14.What types of defects are found in unit testing?
- 15.What types of defects are found in integration testing?
- 16.What is end-to-end testing? Which level does it belong to?
- 17.What is the role of QA in system testing?
- 18.What are stubs and drivers in integration testing?
- 19.What are different integration testing approaches?
- 20.What is Alpha and Beta testing?
- 21.How do levels of testing relate to SDLC and STLC?
- 22.What tools are used at each testing level?
- 23.How do you test microservices architecture (levels mapping)?
- 24.What is shift-left testing? Which level benefits most?
- 25.How do you handle defects found in UAT?
- 26.What is the exit criteria for each testing level?

TYPES OF TESTING

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TECHNICAL QUESTIONS:

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- 1.What are different types of testing?
- 2.What is functional testing?
- 3.What is non-functional testing?
- 4.What is manual testing?
- 5.What is automation testing?
- 6.What is regression testing?
- 7.What is smoke testing?
- 8.What is sanity testing?
- 9.What is retesting?
- 10.What is exploratory testing?
- 11.Difference between functional and non-functional testing?
- 12.Difference between smoke and sanity testing?
- 13.Difference between regression testing and retesting?
- 14.What is black box testing?
- 15.What is white box testing?
- 16.What is grey box testing?
- 17.What is performance testing?
- 18.What is load testing vs stress testing?
- 19.What is usability testing?
- 20.What is compatibility testing?
- 21.When should regression testing be performed?
- 22.How do you select test cases for regression testing?
- 23.What are challenges in automation testing?
- 24.What is data-driven testing?
- 25.What is keyword-driven testing?

26. What is risk-based testing?
27. What is security testing?
28. What is API testing?
29. What is cross-browser testing?
30. What is end-to-end testing?