Testing Interview

1. What is software Testing
2. Why software testing required
3. Categories of Software Testing

* Manual Testing
* Automation Testing

1. Quality control and quality assurance
2. Types Of Manual Testing

* Black Box Testing
* White Box Testing
* Unit Testing
* Integration Testing
* System Testing
* User Acceptance Testing ) = Levels Of Manual Testing (UISA)

1. Difference B/W Alpha testing and Beta Testing
2. Testbed in Manual testing?
3. Procedure for Manual Testing?

Understanding Requirement

Writing Test Case for that

Conduct The tests

Report the results

1. What is test case, How to write test cases?
2. API Testing?
3. Diff B/W Verification and Validation?(verification is a static testing before launching)(validation is a dynamic testing after launching)
4. Bug vs Error vs Defect vs Fault vs Failure?
5. Advantage and Disadvantages of Manual Testing?
6. Is documentation necessary in manual testing?
7. When to use manual testing and when to use automation testing?
8. Phases in STLC?
9. What makes good test engineer?

* Test to break Attitude
* Communication Skills
* Strong desire for the quality
* Abillity to judge the situation

1. What if defect life cycle and phases involved in it?(new,assign,active,test,verified,closed)
2. Test Harness?(collection of data, software used by testers to unit test during developement)
3. Test Closure?(summary of all test case during sdlc)
4. Diff B/W Positive and negative testing?
5. Critical bug?
6. What is pesticide paradox & How to overcome it?(running same test cases will not find new bugs)
7. Defect cascading testing?(one defect which is not noticed causes multiple defect)
8. Diff B/W top down(main module => sub modules) and bottom up(different modules) approach?
9. Diff B/W Smoke Testing(checking the main functionality working fine) and sanity testing(testing the fixed bugs working fine)?
10. Diff B/W Static and Dynamic testing?
11. When to stop testing?(confirming no open defects or bugs, all regression and functionality tests are done and documented)
12. What to do if software is so buggy that it cannot be tested at all?(reporting the bugs and defects that happened at the first activity)
13. How to test a product if the requirement are yet to freeze?

Java for Automation Testing

1. Project, Packages, Class?
2. Primitive Data type and Wrapper class
3. Methods (Functions), Constructors
4. Return type
5. Condition and looping statements (x.x.x)
6. Static Concepts
7. Inheritance(Access Modifiers), Encapsulation, Polymorphism, Abstraction(Interface, Abstract)
8. String, String Buffer, String Builder
9. Exception Handling (x.x.x.x.x)
10. Java collection framework [List, Set, Map] (x.x.x.x.x)