MANUAL TESTING IMPORTANT DIFFERENCE BETWEEN QUESTIONS

1) What is the difference between Static and Dynamic testing?

Static	Dynamic
• It is a verification process.	• It is a validation process.
• It involves different actives like Requirement review, Design review, Code review, and Test case review, Test plan review.	• It involves different actives like Functionality, Integration, System, Adhoc, Smoke, Regration testing.
• To do this we need not execute a program.	• To do this we should run the program.
• To do this we should have check list.	• To do this we should have Test case.

2) What is the difference between Verification and Validation testing?

Verification	Validation
• It involves process like review, walk through and inspection.	• It involves actual testing.
• It involves different actives like Requirement review, Design review, Code review, and Test case review, Test plan review.	• It involves different actives like Functionality, Integration, System, Adhoc, Smoke, Regration testing.
• We check whether are we building product right.	• We check whether are we building right product.

3) What is the difference between Functionality and Non-Functionality testing?

Functionality	Non-Functionality
• We test whether the application works according to functional requirement specification.	• Here we check whether the application works according to non-functional requirement specification.
• Here we check whether software is working (or) not.	• Here we check whether look, performance is good (or) not.
• It involves different types of testing like Functionality, Integration, System, Adhoc, Smoke, Regration testing.	• It involves different types of testing like useability testing, performance testing (load, stress, volume, soak) testing.

4) What is the difference between Retesting testing and Regration testing?

Retesting testing	Regration testing
• Whenever developer gives build checking (or) verifying whether defect is fixed (or) not is called retesting.	• Testing the unchanged feature to make sure that it is not affected (or) broken because of the changes here changes mean (adding, modifying, removing (or) fixing the defect regration testing
• Retesting is done for failed test case.	• Regration testing done for passed test case.
• Retesting is planned.	• Regration testing generic.
• Here we don't go for automation.	• Here we go for automation.

5) What is the difference between Priority and Severity?

Priority	Severity
• Priority refers to the project and how urgent it is solving the bugs.	• Severity refers to the bug and how it Affects the user's interaction with the applications.
• Priority is set based on changing project factors e.g., the status of the bug, its importance customer side.	• Severity is objectively set based on the direct and indirect impact of the bug and its probability of occurrence
• Priority is a dynamic field, should be revised and updated as the project progresses.	• Severity is usually a static field (the only reason to modify it would be if we learn something new about the bug)

6) What is the difference between Error, defects and failures and Defects, root causes and effects?

Error, defects and failures	Defects, root causes and effects
• Time pressure	• Customer complaints are effects.
• Misunderstandings about intra-system and inter-system interfaces, especially when such intersystem and inter-system interactions are large in number	• incorrect interest payments

7) What is the difference between Positive testing and Negative testing?

Positive testing	Negative testing
• It is to determine what the system is supposed to do. It helps to check whether the application is justifying the requirements or not.	• It is to determine what the system is not supposed to do. It helps to find the defects from the software