

# MANUAL TESTING IMPORTANT DIFFERENCE BETWEEN QUESTIONS

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

Static	Dynamic
<ul style="list-style-type: none"><li>It is a verification process.</li></ul>	<ul style="list-style-type: none"><li>It is a validation process.</li></ul>
<ul style="list-style-type: none"><li>It involves different actives like Requirement review, Design review, Code review, and Test case review, Test plan review.</li></ul>	<ul style="list-style-type: none"><li>It involves different actives like Functionality, Integration, System, Adhoc, Smoke, Regration testing.</li></ul>
<ul style="list-style-type: none"><li>To do this we need not execute a program.</li></ul>	<ul style="list-style-type: none"><li>To do this we should run the program.</li></ul>
<ul style="list-style-type: none"><li>To do this we should have check list.</li></ul>	<ul style="list-style-type: none"><li>To do this we should have Test case.</li></ul>

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

Verification	Validation
<ul style="list-style-type: none"><li>It involves process like review, walk through and inspection.</li></ul>	<ul style="list-style-type: none"><li>It involves actual testing.</li></ul>
<ul style="list-style-type: none"><li>It involves different actives like Requirement review, Design review, Code review, and Test case review, Test plan review.</li></ul>	<ul style="list-style-type: none"><li>It involves different actives like Functionality, Integration, System, Adhoc, Smoke, Regration testing.</li></ul>
<ul style="list-style-type: none"><li>We check whether are we building product right.</li></ul>	<ul style="list-style-type: none"><li>We check whether are we building right product.</li></ul>

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

Functionality	Non-Functionality
<ul style="list-style-type: none"><li>We test whether the application works according to functional requirement specification.</li></ul>	<ul style="list-style-type: none"><li>Here we check whether the application works according to non-functional requirement specification.</li></ul>
<ul style="list-style-type: none"><li>Here we check whether software is working (or) not.</li></ul>	<ul style="list-style-type: none"><li>Here we check whether look, performance is good (or) not.</li></ul>
<ul style="list-style-type: none"><li>It involves different types of testing like Functionality, Integration, System, Adhoc, Smoke, Regration testing.</li></ul>	<ul style="list-style-type: none"><li>It involves different types of testing like usability testing, performance testing ( load, stress, volume, soak) testing.</li></ul>

#### 4) What is the difference between Retesting testing and Regression testing?

Retesting testing	Regression testing
<ul style="list-style-type: none"><li>Whenever developer gives build checking (or) verifying whether defect is fixed (or) not is called retesting.</li></ul>	<ul style="list-style-type: none"><li>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 regression testing</li></ul>
<ul style="list-style-type: none"><li>Retesting is done for failed test case.</li></ul>	<ul style="list-style-type: none"><li>Regression testing done for passed test case.</li></ul>
<ul style="list-style-type: none"><li>Retesting is planned.</li></ul>	<ul style="list-style-type: none"><li>Regression testing generic.</li></ul>
<ul style="list-style-type: none"><li>Here we don't go for automation.</li></ul>	<ul style="list-style-type: none"><li>Here we go for automation.</li></ul>

#### 5) What is the difference between Priority and Severity?

Priority	Severity
<ul style="list-style-type: none"><li>Priority refers to the project and how urgent it is solving the bugs.</li></ul>	<ul style="list-style-type: none"><li>Severity refers to the bug and how it Affects the user's interaction with the applications.</li></ul>
<ul style="list-style-type: none"><li>Priority is set based on changing project factors e.g., the status of the bug, its importance customer side.</li></ul>	<ul style="list-style-type: none"><li>Severity is objectively set based on the direct and indirect impact of the bug and its probability of occurrence</li></ul>
<ul style="list-style-type: none"><li>Priority is a dynamic field, should be revised and updated as the project progresses.</li></ul>	<ul style="list-style-type: none"><li>Severity is usually a static field ( the only reason to modify it would be if we learn something new about the bug)</li></ul>

#### 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
<ul style="list-style-type: none"><li>Time pressure</li><li>Misunderstandings about intra-system and inter-system interfaces, especially when such intersystem and inter-system interactions are large in number</li></ul>	<ul style="list-style-type: none"><li>Customer complaints are effects.</li><li>incorrect interest payments</li></ul>

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

Positive testing	Negative testing
<ul style="list-style-type: none"><li>It is to determine what the system is supposed to do. It helps to check whether the application is justifying the requirements or not.</li></ul>	<ul style="list-style-type: none"><li>It is to determine what the system is not supposed to do. It helps to find the defects from the software</li></ul>