Test Scenario:

It is high level Testcase. It is an idea of what we are going to test.

Test Case:

It is an idea of how we are going to test, it includes tc name, test data, expected & actual
results,status,etc.

Test Data:

The actual input which we are going to use in the application for testing.

Defect:

When the expected and actual is not matching, then it is a defect. In other words, when the
application does not conform to the
requirement specification.

Bug:

When the tester raise a defect to developer then it is called as bug

Different Types of Testing:

White Box Testing:

White Box Testing is also called as Glass Box, Clear Box, and Structural Testing. It is based on
applications internal coding
knowledge. It is done by developers.

Black Box Testing:

Black Box Testing is a software testing method in which testers evaluate the functionality of the software under test without
looking at the internal coding knowledge. It is done by testers.

Positive Testing:

It is to determine what system supposed to do. It helps to check whether the application is justifying the requirements or not.

Negative Testing:

It is to determine what system not supposed to do. It helps to find the defects from the software.

Smoke Testing:

Smoke Testing is done to make sure if the build we received from the development team is testable or not.
It is also called as "Day 0" check. It is done at the "build level". It helps not to waste the testing time to simply testing the
whole application when the key features don't work.

Regression Testing:

It is done to make sure the existing functionalities of the application is not impacted whenever any new functionalities is added
to the application.

Sanity Testing:

Sanity Testing is done during the release phase to check for the main functionalities of the application without going deeper.
It is also called as a subset of Regression testing. It is done at the "release level".
At times due to release time constraints rigorous regression testing can't be done to the build, sanity testing does that part
by checking main functionalities.

Formal Testing:

It is a process where the testers test the application by having pre-planned procedures and proper documentation.

Informal Testing:

It is a process where the testers test the application without having any pre-planned procedures and proper documentation.

Monkey Testing:

Perform abnormal action on the application deliberately in order to verify the stability of the application.

ReTesting:

Once the developer fix the bug and we need to test again whether the bug is fixed or not.

Beta Testing:

Beta testing is done by a limited number of end users before delivery. Usually, it is done in the client place.

Live Environment Testing:

It it nothing but testing the application in live environment (i.e) After Release.