Unit Testing (TDD):

* Unit testing is used to test the unit of code. This test is used to reduce errors.
* TDD full form is test driven development. The TDD is approach for writing the test case before development.
* Used to increase the code quality.

QUnit Testing Framework / Library:

* Qunit is powerful javascript unit testing framework that helps you to debug the code.
* Unit testing is a software verification or validation method. Here we test individual unit of source code.
* Qunit is developed by the jQuery team.

Assertions:

* An assertion is a statement used to access the returning result from that code. If the result is not match with excepted result then the assertion has failed.
* This is used to get result and compare with excepted output. This test is used to identify the errors from that function.

Test files:

* Test files are divide from the coding. Split one code into multiple individual units is called test files.

JS library details & capabilities:

JS library is a collection of non-volatile resource used by computer programs, used for software development.

AJILE

ANGULARJS

BACKBONE

JQuery.

Cross Browser compatibility:

Cross browser compatibility means the application must run in all browsers without failed. The developed application is run with all browser or not and if any errors occur then solve that error. Javascript has cross browser compatibility.