

## Assignment-3

(1)

### 3) Types of Manual testing :-

#### (a) User Acceptance Testing :-

User Acceptance testing is performed by the client (or) end-user, to confirm that the software meets the agreed requirements. It takes place during the final phase before releasing the product into the market.

#### (b) Black Box testing :-

This is also known as ~~the~~ Behavioral testing. This method aims at analyzing an application's functionality from the end-user's perspective. The only thing which is best is the code structure is not visible during testing.

#### (c) Integration testing :-

It is the process of testing an application with two (or) more integration

Components. It is performed once the individual components have been unit-tested and aims to identify problems with the interfaces & the interactions between them.

### ④ System Testing :-

It means testing the system as a whole, once all its components have been unit-tested & integrated. It checks that the complete application works as intended, by comparing it against the original requirements.

### ⑤ Unit testing :-

This is when individual units or components of an applications source code are tested to make sure each function performs as expected.

### ④ White Box testing:-

③

It is also known as transparent box testing (or) structural testing, this is a method of testing the internal structure (or) workings of an application. It is performed by the developer, who checks the software's internal codes before passing it to a test engineer.