5.2.1 UNIT TESTING

In this level of testing each individual modules or units of the application are tested. The errors are more easily predicated and uncovered in unit testing. Unit testing has been done to verify the code, produced during the coding phase. All unnecessary coded statements were removed ensuring that all the functionalities worked as expected. Any logical errors founded were corrected. The relative complexity of the test and errors are detected as a result is limited by the constrained scope established for unit testing. Unit testing or Function testing s the basic level of testing where functions making up a module are tested to ensure that they operate correctly. In " Hospital Consultancy Service" application, unit testing was used to test each function. And the output generated by the individual function agrees with the output generated by the computerized system and manually. Thus, the application proved to satisfy unit testing.

5.2.2 INTEGRATION TESTING

Integration testing is the phase of testing in which individual application modules are combined and tested as a group. It follows unit testing and precedes system testing. The purpose of Integration testing is to verify functional, performance and reliability requirements placed on major design items in "Hospital Consultancy Service" application, unit testing was used to test each function. And the output generated by the individual function agrees with the output generated by the computerized system and manually. Thus, the application proved to satisfy unit testing.

5.2.3 FUNCTIONAL TESTING

This testing is concerned with whether the product has achieved the desired functionality. It is very important from Users point of view, as they will be more interested in finding out whether the system satisfies the requirement functionality testing is the systematic testing for constructing the uncover errors with in the interface. This testing was done with sample data. The developed system has run successful for this sample data. The need for integrated test is to find the overall system performance.

5.2.4 ACCEPTANCE TESTING

Acceptance testing refers to the acceptance of into the system for processing. The acceptance test contributes to the processing. The acceptance test contributes to the consistency and smooth working of the system. The system under consideration is tested for users at a time for developing and making change whenever required. Acceptance testing is a key factor to the success of any system. The system, under the consideration was treated for user acceptance by constantly keeping in touch with the prospective system user at the time of developing and making changes where ever and whenever required.