ELECTIVE–V- 2. SOFTWARE QUALITY ASSURANCE AND TESTING

Unit I

Principles of Testing – Software Development Life Cycle Models

Unit II

White Box Testing-Integration Testing-System and acceptance testing.

Unit III

Testing Fundamentals -2 & Specialized Testing: Performance Testing-Regression testing-Testing of Object Oriented Systems-Usability and Accessibility Testing.

Unit IV

Test Planning, Management, Execution and Reporting.

Unit V

Software Test Automation-Test Metrics and Measurements

Text Book(s)

P8CSE5B 1. Software Testing -Srinivasan Desikan, Gopalaswamy Ramesh, Pearson Education 2006.

References

1. Introducing Software testing-Louis Tamres, Addison Wesley Publications, First Edition.
2. Software testing, Ron Patten, SAMS Techmedia, Indian Edition 2001.
3. Software Quality-Producing Practical, Consistent Software-Mordechai Ben-Menachem, Gary S Marliss, Thomson Learning, 2003.