## Assignment 4

## **Software Testing**

- 1. Explain the various design concepts of software engineering with necessary diagrams.
- 2. List the various quality guidelines. Explain the quality attributes.
- 3. Draw the Subsume Hierarchy for program-based adequacy criteria (Tree Structure).
- 4. What is the difference between Fault Detection approach and Confidence Building approach to testing?
- 5. Explain the two hypotheses used to justify Mutation Testing.