

INTRODUCTION TO SOFTWARE TESTING – 15CS552  
MODEL QUESTIONS ON MODULE - I

1. Define – error, fault, failure, incident, test, test case.
2. Explain testing life cycle with neat diagram.
3. Explain typical test case information with suitable example.
4. Explain Functional testing with advantages and disadvantages.
5. Explain Structural testing with advantages and disadvantages.
6. Explain error and fault taxonomies.
7. Explain levels of testing with neat diagram.
8. List & explain High Quality Software attributes.
9. Identify valid and invalid inputs for sort program.
10. Explain correctness versus reliability.
11. Explain a test and debug cycle with neat diagram.
12. Design a sample test plan for the sort program.
13. Design suitable test cases for the sort program.
14. What is test oracle? Explain.
15. What are the various test metrics? Explain.
16. Explain elements of static testing.