PART – A

Define software testing.

Differentiate between verification and validation.

List the levels of TMM.

Distinguish between fault and failure.

Define block box testing.

Define feature defects.

What are the origins of defects?

Define test, test oracle and test bed.

Define process in the context of software quality.

Give some examples methods of block box testing.

PART-B

1. Explain in detail about Testing Maturity Model (TMM) levels and the test related activities that should be done for V-model architecture

2. What are the typical origins of defects? Explain the major classes of defects in the software artefects.
3. Discuss the steps to be taken to monitor the defects with the help of defect repository?
4. Suppose you are developing a software development on web application. Implement the various testing axioms in detail.

5. Explain various software testing principles in detail.

6. Write a note on the following with an example:
(i) Decision Tables (6)
(ii) State based testing(7)

6. Describe about tester support of developing a defect repository.

7. Demonstrate the various black box test cases using equivalence class partitioning and boundary values analysis to test a module for ATM system

8. Show how black box testing is performed in payroll processing system?
9. Deploy black box test cases using equivalence class partitioning and boundary value analysis to test a module for payroll system