Assignment 1

1. Define Incident
2. Define Software Testing
3. Define Pair Programming
4. Differentiate Single fault Assumption to Multiple fault Assumption.
5. Differentiate Fault of Omission vs. Fault of Commission.
6. Differentiate Verification vs. Validation
7. Provide a sample Test Case template
8. Provide do Procedure for testing software requirements
9. How Walkthrough is different from Inspection technique,
10. Provide a sample check list for code review.
11. What is the purpose of Requirement Traceability matrix?
12. Discuss the limitation of software testing with reasons. Support your answer with

example.

1. Write short note on V model for Software Development process
2. Discuss Software Testing Life Cycle
3. Write short note on Project Audits.
4. Discuss the different roles & responsibilities in Inspection process

Assignment 2

1. Write short note on Issues in Object Oriented Testing
2. Write short note on Database Testing
3. Write short note on Fault Prediction model
4. Write short note on Object Oriented Metrics
5. Differentiate static and dynamic testing
6. Describe various Prioritization Guidelines for Test case selection
7. Differentiate development testing with regression testing.
8. Describe selective retest technique.
9. Discuss Database testing
10. Discuss different strategies for data validation with example.
11. Why should we do database testing? Write some advantages and applications of data base
12. testing.
13. Define any four types of Non Functional testing
14. Discuss different Debugging approaches.
15. Define Fault Revealing, Modification Revealing and Modification Traversing Test Cases.
16. Describe different call graph based Integration Testing with example.
17. Differentiate function testing vs. Non Functional Testing