

SUBJECT CODE: 604

SUBJECT NAME: SOFTWARE TESTING

Unit 1 : Software Testing

✚ Answer the following : (Short Questions)

- 1) What is software testing?
- 2) What is software?
- 3) What are testing principle?
- 4) What are advantages of software testing?
- 5) What are types of software testing?
- 6) **What are the phases involved in Software Testing Life Cycle?**
- 7) **What are the different methods of testing?**
- 8) **What is Verification and Validation in Software Testing?**
- 9) **On what basis the acceptance plan is prepared?**
- 10) What is mean by Quality of product?

✚ Answer the following : (Long Questions)

- 1) Explain nature of error?
- 2) What is SDLC in detail?
- 3) Explain testing principle?
- 4) Explain term debugging?
- 5) What is traceability matrix?
- 6) Does automation replace manual testing?
- 7) What is Equivalence partitioning testing?
- 8) How do you define a testing policy?
- 9) What is risk-based testing?
- 10) What are different test levels?

Unit 2 : Approaches to Testing -I

✚ Answer the following : (Short Questions)

- 1) What is WBT?
- 2) What is BBT?
- 3) What is integration testing?
- 4) What are types of integration testing?
- 5) What is unit testing?
- 6) What is gray box testing?
- 7) What is functional testing?
- 8) Define Transparent testing?
- 9) What is Stub?
- 10) What is Driver?

✚ Answer the following : (Long Questions)

- 1) Explain integration testing with its types?
- 2) Explain Gray box testing?
- 3) Explain different testing types?
- 4) Difference between WBT and BBT?
- 5) Difference between Top down and Bottom up Integration Testing?
- 6) Difference between Stub and Driver?
- 7) Who involves in WBT?
- 8) Who involves in BBT?
- 9) Define thread testing?
- 10) Explain SDLC phases?

Unit 3 : Testing for Specialized Environment

✚ Answer the following : (Short Questions)

- 1) What is testing environment?
- 2) What is test document?
- 3) What is mean by exit criteria?
- 4) What are phases of testing lifecycle?
- 5) What is sanity testing?
- 6) What is smoke testing?
- 7) What is monkey testing?
- 8) What is Ad hoc testing?
- 9) What is exploratory testing?
- 10) What is mean by entry criteria?

✚ Answer the following : (Long Questions)

- 1) Describe Test Documentation?
- 2) Explain testing client server architecture?
- 3) Describe testing environment?
- 4) Explain testing terminology and its type?
- 5) Explain types of Test Documentation?
- 6) Explain Sanity testing in detail?
- 7) Difference between SIT and UAT?
- 8) Difference between Ad hoc and exploratory testing?
- 9) Difference between sanity and smoke testing?
- 10) Explain Incremental testing?

Unit 4 : Software Testing Strategies and Software Matrices

✚ Answer the following : (Short Questions)

- 1) What is validation testing?
- 2) What is system testing?
- 3) What are the basic matrices?
- 4) What is regression testing?
- 5) What is retesting?
- 6) What is static testing?
- 7) What is dynamic testing?
- 8) What is verification testing?
- 9) What is TRM?
- 10) Explain V Model?

✚ Answer the following : (Long Questions)

- 1) Explain performance testing?
- 2) Explain agile testing?
- 3) What is load and stress testing?
- 4) Difference between validation and verification testing?
- 5) Difference between static and dynamic testing?
- 6) Explain Database testing?
- 7) What is API testing?
- 8) Difference between retesting and regression testing?
- 9) Difference between Waterfall model and V model?
- 10) What is configuration Management?

Unit 5 : Specialized Testing and Testing Tools

+ Answer the following : (Short Questions)

- 1) What are the testing tools?
- 2) What is Junit?
- 3) What is test case design?
- 4) What is Apache jmeter?
- 5) What is WinRunner ?
- 6) What is LoadRunner?
- 7) What is Test Case?
- 8) What is Test Scenario?

+ Answer the following : (Long Questions)

- 1) Explain testing tools?
- 2) Explain test case design?
- 3) Difference between test case design and test case execution?
- 4) How to write test case? Write test case for ATM system?
- 5) Write test case for bank transaction system?
- 6) Difference between test case and test scenario?