



Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, April 2014
(2008 Scheme)
08.804 : SOFTWARE TESTING (F)**

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

(10×4=40 Marks)

1. Explain the levels of problem handling as done by software quality management.
2. Describe the spiral model for software development.
3. Compare the TQM and big bang approaches of testing.
4. What is sandwich testing ? What are its advantages.
5. Why is it necessary to plan the testing process ?
6. What are the characteristics of a good test case ?
7. Describe the tools used to build test data.
8. Differentiate between product and process metrics.
9. What is meant by instrumentation ?
10. Describe the expected vs actual defects uncovered timeline.

PART – B

Answer **any one** question from **each** Module.

Module – I

11. a) Describe the requirements traceability matrix. What is its importance ? 6
- b) Explain how an organisations vision affects its performance. 9
- c) What is complexity testing ? 5



12. a) Explain the different levels of testing. 8
b) Describe acceptance testing criteria. How are they important ? 12

Module – II

13. a) Which are the types of test standards ? What are the benefits and drawbacks of following test standards ? 12
b) What is test file ? 8
14. a) Explain the boundary value analysis and state transition methods of test data prioritisation. 10
b) Describe the salient features of web application testing. 10

Module – III

15. a) Which are the basic components of the cost of quality ? 8
b) How can you determine the effectiveness of testing ? 6
c) Explain the contents of final test report. 6
16. a) Explain any three test status reports. 10
b) Which are the basic steps to be followed in benchmarking process ? 10
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