



Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, December 2013
(2008 Scheme)**

08.804 : SOFTWARE TESTING (F)

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

1. Explain the Quality Management System Structure.
2. Describe the prototype model for software development.
3. Explain the concept of green money, blue money and red money.
4. Differentiate between bottom-up and top-down testing.
5. What are test objectives ?
6. Explain test entry criteria and test suspension criteria.
7. What are test scripts ?
8. How is the defect finding efficiency of test team calculated ?
9. What is test case efficiency ?
10. Describe the final test report.

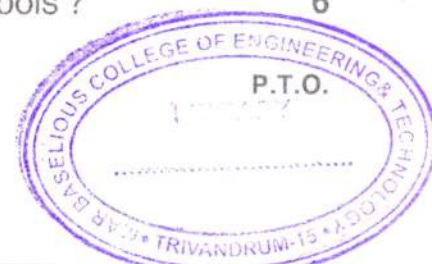
(10×4=40 Marks)

PART – B

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

Module – I

11. a) What are the advantages of adopting the structured approach to testing ? **8**
b) Explain the differences between white box testing, black box testing and gray box testing. **12**
12. a) What are the main aspects to take care of while testing an e-commerce application ? **5**
b) Describe alpha testing, beta testing and gamma testing. **9**
c) What are the advantages and disadvantages of testing tools ? **6**



**Module – II**

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| 13. a) Give the methods used for test estimation. | 8 |
| b) Explain the advantages of test planning. | 6 |
| c) How is test data generated ? | 6 |
| 14. a) Describe the salient features of testing object oriented software. | 10 |
| b) Which are the types of test standards ? | 5 |
| c) List the characteristics of a good test scenario. | 5 |

Module – III

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| 15. a) What is defect leakage ratio ? Give an example. | 10 |
| b) Explain different test reports. | 10 |
| 16. a) What is bench marking ? Give types of bench marking. | 10 |
| b) Describe the functions/test matrix report. How is it important ? | 6 |
| c) What is residual defect density ? | 4 |
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