

B.E. Computer Science & Engineering (Model Curriculum) Semester-VII
BE102CS - Software Testing and Quality Assurance

P. Pages : 2



Time : Three Hours

GUG/S/25/14232

Max. Marks : 80

Notes : 1. All questions carry equal marks.
2. All questions are compulsory.

1. a) Describe Defect Repository and Developer/Tester support for developing Defect Repository. **8**

b) Recall Software Testing Principles. **8**

OR

OR

- | | | |
|----|---|---|
| 4. | a) Compare Static Testing with Structural Testing. | 8 |
| | b) Discuss the Test Case Design Strategies in detail. | 8 |
| 5. | a) Describe levels of Testing with suitable diagram. | 8 |
| | b) Describe following terms- | 8 |
| | i) Alpha Testing and Beta Testing | |
| | ii) Ad-hoc Testing | |

OR

6. a) What is Recovery Testing and Regression Testing. 8
b) Describe Types of System Testing with proper diagram. 8

7. What are the people and organizational issues in Testing? Also explain in detail organizational structure for Testing Team. 16

OR

OR

- 10.** a) Discuss the different criteria for Test Completion & also explain Defect Prevention. **8**

b) What are various Software Quality Metrics? Explain them. **8**

* * * * *