



BSIT 63(OS)

VI Semester B.Sc. (I.T.) Examination, June/July 2010
SOFTWARE QUALITY AND TESTING

Time : 3 Hours

Max. Marks : 75

***Instruction** : Answer **all** questions from Part – A, and answer **any five** questions from Part – B.*

PART – A

(12×2+1×1=25)

1. What is software testing ?
2. Define walkthroughs.
3. What is the purpose of software review ?
4. What is boundary value analysis ?
5. What is quality control ?
6. What is debugging ?
7. What do you mean by software quality ?
8. What are the uses of Flow Graph Notations ?
9. What is the purpose of testing software ?
10. What is the purpose of defect Amplification ?
11. What is protection testing ?
12. Explain bottom-up design.
13. What is functional testing ?

P.T.O.



PART – B

(5×10=50)

1. Explain the importance and approaches of software testing.
 2. What are the quality concepts ? Explain any two of them.
 3. Explain the need for inspection and list the different types of code reviews.
 4. Explain basis path testing.
 5. Briefly explain formal technical reviews.
 6. Explain the need for GUI testing and its complexity.
 7. Explain reasonable expectations in the software requirement specification.
 8. Explain the three categories for debugging approaches.
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