



B.C.A. (Semester – V) Examination, April 2017
SOFTWARE TESTING

Duration : 2 Hours

Total Marks : 50

Instructions : 1) **All questions are compulsory.**
2) **Figures to the right indicate full marks.**

1. A) Fill in the blanks : (5×1=5)
- a) _____ checks whether we are building the right product.
 - b) Comparing competitive products during performance testing is called _____
 - c) _____ are standards of measurements used to measure the quality of software product.
 - d) _____ maintenance is done to adapt to the changing environment.
 - e) _____ is a activity that keeps track of all the software changes.
- B) Define : (5×1=5)
- a) Quality Assurance
 - b) Buddy Testing
 - c) Test Case
 - d) User Documentation
 - e) Baseline.
2. Answer the following : 10
- A) Explain the proactive and reactive activities involved in software testing. 2
 - B) Differentiate between functional and non-functional testing. 3
 - C) Describe Fagan Inspection Method of White Box Testing. 5



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| 3. Answer the following : | 10 |
| A) Distinguish between Object Oriented Systems and Procedural Systems. | 2 |
| B) State the aspects one has to follow in Test Planning. | 3 |
| C) Write a short note on Accessibility Testing. | 5 |
| 4. Answer the following : | 10 |
| A) List any 4 tools used in SCM. | 2 |
| B) What is Test Automation ? How is it helpful in testing ? | 3 |
| C) <i>"Testing is destructive as much as it is constructive, like the sides of a coin."</i>
Comment on the statement with valid reasons. | 5 |
| 5. A) What is the importance of Software Maintenance ? | 2 |
| B) List any 3 qualities of good documentation. | 3 |
| C) Explain Regression Testing in Object Oriented Systems. | 5 |