



B.C.A. (Semester – V) Examination, October 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 : (1×5=5)
- a) _____ is meeting of expected software requirements.
 - b) _____ is the testing performed to evaluate response time, throughput and system utilization of products.
 - c) _____ metrics help in finding out how well the team is progressing.
 - d) _____ maintenance is done to adapt to the changing user requirements.
 - e) _____ is a milestone in software development that is marked by the delivery of one or more configuration items.
- B) Define the following : (1×5=5)
- a) Verification
 - b) Pair Testing
 - c) Test suite
 - d) Program Documentation
 - e) Software Version Control.
2. Answer the following :
- A) List the differences between quality control and quality assurance. 2
 - B) Explain any 3 methods of functional system testing. 3
 - C) What is Black Box Testing ? List out the different Black Box testing techniques. 5
3. Answer the following :
- A) "Regression Testing is very crucial for object oriented systems." Justify. 2
 - B) What is Test Automation ? How does it enable a human effort to be spent on creative testing ? 3
 - C) Write a short note on Accessibility Testing. 5

P.T.O.



4. Answer the following :
- A) What is SCM ? What is the need for SCM ? 2
 - B) Why are test metrics required in software testing ? 3
 - C) State any 5 misconceptions about software testing. 5
5. A) Explain perfective maintenance in detail. 2
- B) List any 3 qualities of good documentation. 3
 - C) Explain the different tools used in testing Object Oriented System. 5