



B.C.A. (Semester – V) (Revised) Examination, April 2015
SOFTWARE TESTING

Duration : 2 Hours

Max. Marks : 50

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

1. A) Match the method of testing with the type of testing : (1×5=5)

- | | |
|-----------------------|---------------------------|
| 1) Stress testing | a) White box testing |
| 2) Deployment testing | b) Black box testing |
| 3) Monkey testing | c) Non-functional testing |
| 4) Desk checking | d) Functional testing |
| 5) Domain testing | e) Ad hoc testing |

B) Answer in short :

(1×5=5)

- 1) What is Locale testing ?
- 2) State two tools for usability testing.
- 3) What is test automation ?
- 4) What is Interoperability testing ?
- 5) What is Onsite Deployment ?

2. A) List the differences between quality control and quality assurance. 2

B) What is Sandwich Integration testing ? 3

X) Draw and explain the concept of risk management in software testing. 5

OR

Y) Write a note on Structural Testing. 5

3. A) "Regression testing is very crucial for Object Oriented Systems" justify. 2

B) State any two misconceptions about software testing and how can one resolve these issues. 3

X) Discuss the different types of documentation in detail. 5

OR

Y) Discuss the different types of maintenance in detail. 5



4. A) What are the different types of metrics ? 2
B) What is Benchmarking ? 3
X) Explain briefly pair testing and Buddy testing. 5

OR

- Y) State the differences between functional and non-functional testing. 5
5. A) What is SCM ? 2
B) Explain state based testing with an example. 3
X) Explain the quality factors for usability testing. 5

OR

- Y) Explain round the clock development/testing model. 5
-