



B.C.A. (Semester – V) Examination, April 2016
SOFTWARE TESTING

Duration : 2 Hours

Max. Marks : 50

Instructions : 1) **All** questions are **compulsory**.

2) Figures to the **right** indicate **full** marks.

1. Differentiate between the following : (5×2=10)
 - a) Verification and validation.
 - b) Positive and negative testing.
 - c) Corrective and adaptive maintenance.
 - d) Onsite and offsite deployment testing.
 - e) Buddy and Pair testing.
2. Answer the following : 10
 - A) What are the main objectives of user documentation testing ? 2
 - B) Explain Formal Inspection in detail. 3
 - X) Define Beta testing. Explain some of the activities involved in Beta program. 5

OR

 - Y) Discuss the various factors that govern performance testing. 5
3. Answer the following : 10
 - A) Explain briefly the purpose of Boundary Value Analysis. 2
 - B) Discuss sandwich integration testing in detail. 3
 - X) Write short notes on internationalization testing. 5

OR

 - Y) Explain in detail the various tools available for testing Object Oriented Systems. 5



4. Answer the following :

10

A) List out the various factors that dictates the organization of test teams in multi-product companies.

2

B) Do you agree that "Testing happens throughout and continues even beyond a release". Justify with reasons.

3

C) Explain risk management in detail.

5

OR

D) What do you mean by usability testing ? Explain the various quality factors for usability in detail.

5

5. Answer the following :

10

A) What do you mean by Test Automation ?

2

B) Discuss the different types of metrics in detail.

3

C) What are the different types of software documentation ? Explain them in detail.

5

OR

D) Write short notes on software configuration management.

5