



B.C.A. (Semester – V) Examination, October 2018
SOFTWARE TESTING

Duration : 2 Hours

Max. 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)

- i) Testing the interaction between modules and other external systems is called _____ testing.
- ii) “Are we building the product right” is a question that concerns _____ activities.
- iii) Developing software to test software is called _____
- iv) The time taken from request to first response is called _____ time.
- v) Testing which looks at the specification and does not require examining code is called _____ testing.

B) Answer the following in **one** or **two** sentences. (5×1=5)

- i) Define verification.
- ii) What do you mean by source control ?
- iii) What is smoke testing ?
- iv) List any two black box testing techniques.
- v) What is meant by adaptive maintenance ?

2. Answer the following :

- A) What is Enabling testing in $I_{18}n$? 2
- B) State any three principles of software testing. 3
- C) What is beta testing ? List the activities involved in Beta Program. 5



3. Answer the following :

- A) List any two qualities of good documentation. 2
- B) What is Boundary Value Analysis ? Explain with an example. 3
- C) Describe any five keyboard accessibility features. 5

4. Answer the following :

- A) What is Adhoc testing ? 2
- B) "Testing is only destructive" . Comment on this misconception with reasons. 3
- C) Explain Top Down integration with the help of a neat diagram. 5

5. Answer the following :

- A) Give any two advantages of Static testing done by humans. 2
- B) Define any three categories of software maintenance. 3
- C) Discuss any five risks encountered in a software testing project. 5