



CCC – 07

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 :

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- 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) *"Testing is destructive as much as it is constructive, like the sides of a coin."*
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
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