

**M. SC. (I.T.) SEM. – III (C.B.C.S. COURSE) (2015 COURSE) :**

**WINTER - 2017**

**SUBJECT: SOFTWARE TESTING**

Day: **Monday**

Date: **18/12/2017**

**W-2017-0922**

Time: **10.00 AM TO 01.00 PM**

Max Marks: 60

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**N.B:**

- 1) Answer any **FIVE** questions.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat diagrams **WHEREVER** necessary.
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- Q.1** a) Write short note on Alpha testing. (02)
- b) Explain V model with diagram. (05)
- c) What is control structure testing? Explain the types of control structure testing. (05)
- Q.2** a) Explain defect tracking cycle with a neat diagram. (06)
- b) Explain various techniques of white box testing. (06)
- Q.3** Define and explain the following with examples: (12)
- a) Unit Testing
  - b) Beta Testing
  - c) Big bang Approach
  - d) Stubs and Drivers
- Q.4** a) What is integration testing? What are the different types of integration testing? (06)
- b) Explain equivalence class partitioning and boundary value analysis with examples. (06)
- Q.5** a) What is the difference between Quality assurance and Quality control and who are the persons responsible for QA and QC? (06)
- b) What is Gorilla Testing? Explain in detail with suitable example. (06)
- Q.6** a) Define review. Explain its various types with suitable example. (06)
- b) What are the different levels of testing? (06)

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