

**M. SC. (Computer Science) SEM – II (Choice Based Credit & Grade System) : WINTER - 2018**

**SUBJECT: ELECTIVE: a) SOFTWARE TESTING**

Day: Monday  
Date: 15/10/2018

**W-2018-1049**

Time: 03.00 PM TO 06.00 PM  
Max. Marks: 60

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**N.B:**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Draw neat and labeled diagram **WHEREVER** necessary.
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**Q.1** Illustrate different testing tools with example. **(15)**

**OR**

Describe the test documentation and reporting.

**Q.2** A) Answer **ANY ONE** of the following: **(08)**

- i) Illustrate the Capability Maturity Model for software quality assurance.
- ii) Explain various test axioms.

**B)** Answer **ANY ONE** of the following: **(07)**

- i) Explain static and dynamic testing.
- ii) Explain various tasks to be considered in software testing application.

**Q.3** Answer **ANY THREE** of the following: **(15)**

- a) Explain black box and white box testing.
- b) Describe spiral model of software development life cycle.
- c) Explain the web site testing.
- d) Illustrate issues in the testing security.
- e) Write a note on workbench.

**Q.4** Write short note on **ANY THREE** of the following: **(15)**

- a) Foreign Language testing
- b) Managing test technology
- c) Cost of bugs in software
- d) Usability testing
- e) Transition testing

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