

**M.B.A. (IT) SEM- IV (2012 COURSE)(CHOICE BASED
CREDIT SYSTEM) : WINTER - 2017
SUBJECT: Elective-VI SOFTWARE TESTING (ITM)**

Day: **Monday**
Date: **18/12/2017**

Time: **02.00 PM TO 05.00 PM**
Max. Marks: 100

W-2017-1853

N.B.:

- 1) Attempt any **FOUR** questions from Section-I and attempt any **TWO** questions From Section-II.
- 2) Answers to both the sections should be written in the **SEPARATE** answer book.
- 3) Figures to the right indicate **FULL** marks.

SECTION-I

- Q.1** a) Explain Non-functional testing and functional testing in brief. [15]
- Q.2** a) Describe in detail integration level testing [08]
b) Explain various attributes of defect. [07]
- Q.3** a) Describe with neat diagram V-testing model. [07]
b) Explain various objectives and principles of software testing. [08]
- Q.4** a) Differentiate between verification and validation [08]
b) Differentiate Alpha testing and beta testing. [07]
- Q.5** a) Explain in brief and installation testing [07]
b) What is test case? How to evaluate effectiveness of test case? [08]
- Q.6** Write short notes on any **THREE** of the following: [15]
a) Load testing
b) Usability testing
c) Testing tools
d) Software quality

SECTION-II

- Q.7** Explain various issues involved in testing off-the-shelf software for business, operational and people fit. [20]
- Q.8** Explain following with example [20]
a) Path testing
b) Boundary value analysis
- Q.9** a) Describe security testing [10]
b) How testing of software can be done for multi-platform environment? [10]

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