

M.B.A. (IT) Sem- IV (2012 COURSE)(CHOICE BASED CREDIT SYSTEM) : SUMMER - 2019

**SUBJECT: ELECTIVE- VI: SOFTWARE TESTING
(INFORMATION TECHNOLOGY MANAGEMENT)**

Day: Tuesday
Date: 28/05/2019

Time: 02.00 PM TO 05.00 PM
Max Marks: 100

S-2019-2346

N.B:

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

SECTION-I

- Q.1** Explain various levels of software testing. Why it is necessary to carry out the software testing at different levels? **(15)**
- Q.2** a) What is defect? Explain defect management process. **(08)**
b) What are various strategies user for preventing defect? **(07)**
- Q.3** a) What are boundary value analyses? Explain with suitable example. **(08)**
b) Explain usability testing & performance testing. **(07)**
- Q.4** a) What is test case? How to measure Test effectiveness. **(08)**
b) Explain Installation testing & recovery testing. **(07)**
- Q.5** a) What is system testing? Explain in brief system testing. **(08)**
b) Explain various attributes of software quality. **(07)**
- Q.6** Write Short notes on (**ANY THREE**) of the following: **(15)**
- a) Acceptance testing
 - b) Rapid Application Development
 - c) Load testing
 - d) Beta testing

SECTION-II

- Q.7** Describe in brief software testing life cycle with neat diagram. **(20)**
- Q.8** Explain in brief various issues involved in testing client- server application. **(20)**
- Q.9** Write effective test cases for testing bus reservation system. **(20)**

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