

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA INTEGRATED - SEMESTER- VII • EXAMINATION – SUMMER - 2017

Subject Code: 4470631

Date: 06/05/2017

Subject Name: Software Testing

Time: 02.30 PM TO 05.00 PM

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) Answer Following 07**
1. Define: Software Testing
 2. Define: Black Box Testing
 3. What do you mean by Acceptance Testing?
 4. Write full form of TDD.
 5. SDLC Stands for _____.
 6. Define role of Scrum Master in testing.
 7. Define: Requirement Testing
- (b) Describe in detail about software testing life cycle. 07**
- Q.2 (a) Explain in detail functional testing, system testing and acceptance testing. 07**
- (b) Explain in detail how testing during SDLC is carried out? 07**
- OR**
- (b) Explain in detail proposal testing and requirement testing. 07**
- Q.3 (a) Explain in detail about Performance Testing, Installation Testing & Regression Testing. 07**
- (b) Explain in detail Alpha Testing & Beta Testing 07**
- OR**
- Q.3 (a) Provide detail guidelines for writing test case in a better way. 07**
- (b) Explain in detail kanban. 07**
- Q.4 (a) Explain waterfall model for software testing in detail. 07**
- (b) Write a short note on critical path first. 07**
- OR**
- Q.4 (a) What is the requirement of test report? Describe in detail about system test report and acceptance test report. 07**
- (b) Explain in detail steps to perform performance testing. 07**
- Q.5 (a) Write a short note on SCRUM 07**
- (b) Describe in detail why root cause analysis is important for testing? 07**
- OR**
- Q.5 (a) Write a short note on ODC. 07**
- (b) An MNC company is having testing department. It has testing team as QA Engineer, Tester, Test Lead/ Manager and scrum master. Specify roles & responsibility of each member of testing department. 07**
