

**GUJARAT TECHNOLOGICAL UNIVERSITY****MCA INTEGRATED– SEMESTER-VII EXAMINATION –SUMMER-2020****Subject Code:4470631****Date:07-11-2020****Subject Name:Software Testing****Time:10:30 AM to 01:00 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) Explain In Detail about Software Lifecycle. **07**  
(B) Define Software Testing. Explain Principles & Importance Of Software Testing. **07**
- Q.2** (A) Describe in Detail Unit Testing, Function Testing and Regression Testing. **07**  
(B) Explain in detail Design Testing & Big Bang Testing. **07**
- OR**
- (B) Describe in Detail How Testing during SDLC is Carried Out? **07**
- Q.3** (A) Describe in Detail about Security Testing, Smoke Testing & Sanity Testing. **07**  
(B) Describe in Detail Alpha Testing & Beta Testing. **07**
- OR**
- Q.3** (A) Guidelines for Test Writing and Using Test Report. **07**  
(B) Describe in detail TDD. **07**
- Q.4** (A) Describe SCRUM Model For Software Testing in Detail. **07**  
(B) Write a Short Note on Sandwich Testing. **07**
- OR**
- Q.4** (A) What is the need of Test Report? Explain in Detail About Project Test Status Report & Integration Test Report. **07**  
(B) Describe in Detail Ad-hoc Testing. **07**
- Q.5** (A) Explain Defect Analysis for Root Cause and Corrective Actions. **07**  
(B) Write a Short Note On Water Fall. **07**
- OR**
- Q.5** (A) Explain the Cost of Quality. **07**  
(B) Explain the Importance, Roles & Responsibility of Each Member of Testing Dept. **07**