

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(IT) (2015 & Onward) (Sem.-6)
SOFTWARE TESTING AND QUALITY ASSURANCE
Subject Code : BSIT-602
Paper ID : [74727]

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION-A**1. Answer briefly :**

- a. What is quality of design & quality of conformance?
- b. What is acceptance testing?
- c. Differentiate between regression & retesting.
- d. What is the importance of code inspection?
- e. List the people who are associated with testing.
- f. What is the main benefit of designing tests early in the life cycle?
- g. How does win runner evaluate test results?
- h. Explain in brief about the Quality Metrics.
- i. Differentiate between quality assurance & quality control.
- j. What is SQA plan?

SECTION-B

2. Explain OOT strategies and issues with real life project.
3.
 - a. Explain the role of project manager in SQA activities.
 - b. Explain performance testing in detail.
4.
 - a. What is Quality? Explain MC calls factor model.
 - b. Explain graph based & decision table testing with the help of example.
5. Write a detailed note on following transmission media :
 - a. Cost of bug in deployment.
 - b. Static vs. dynamic testing tool.
6.
 - a. Explain how to calculate Function Point Metric using customer satisfaction requirement with example.
 - b. Explain in detail Quality Metric and Maintenance Metric.
7.
 - a. Explain testing strategies in detail.
 - b. Prepare test document template for product based application.