

Roll No. 

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Total No. of Pages : 02

Total No. of Questions : 07

**B.Sc.(IT) (2015 & Onwards) (Sem.-6)**  
**SOFTWARE TESTING AND QUALITY ASSURANCE**  
Subject Code : BSIT-602  
M.Code : 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 are defects in testing?
- b) Define Unit Testing.
- c) Write a short note on test plan review.
- d) Define scope of software metrics.
- e) What is Quality assurance?
- f) Explain software portability.
- g) Write applications of CMM.
- h) What is interface testing?
- i) Write a short note on verification.
- j) Write the role's of object oriented testing.

## **SECTION-B**

2. What are the different types of software testing? Explain any one.
3. Describe the need of test case design. Write the importance of black box testing.
4. How software metrics is used to solve customer problems and customers satisfaction?
5. Discuss the importance of Quality Management. What are Quality standards?
6. Write a short note on ISO 9000 & 9001 standards in Quality Management.
7. Write in detail about software project tracking and oversight in CMM.

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**