

**B.TECH. SEM -VII INFO. TECH. 2014 COURSE (CBCS) : WINTER -
2017**

SUBJECT: SOFTWARE TESTING

Day : **Wednesday**
Date : **17/01/2018**

W-2017-2304

Time : **02.30 PM TO 05.30 PM**
Max. Marks: 60

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Assume suitable data, if necessary.
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Q.1 Differentiate between Error, Bug and Failure. Give example of each and also explain the states of bug life cycle. **(10)**

OR

How does testing helps in producing good software? Differentiate between effective and exhaustive software testing. **(10)**

Q.2 What is requirement traceability matrix? Enlist the types of traceability matrices. What are the benefits of using traceability matrix? **(10)**

OR

Explain test execution and reporting in test management. **(10)**

Q.3 Explain usability and accessibility testing of website testing. **(10)**

OR

Write a note on compatibility testing for a software system. **(10)**

Q.4 Describe software validation measurement. **(10)**

OR

What is the need for software measurement? Describe the software measurement scales. **(10)**

Q.5 Enlist and describe in-product quality metrics. **(10)**

OR

What do you mean by software quality assurance and software quality control? **(10)**

Q.6 What is the test case? How will you identify the test cases suitable for automation? **(10)**

OR

Write a note on Automation Testing and Tools. **(10)**

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