

**DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY,
LONERE – RAIGAD – 402 103
Summer Semester Examination, May 2018**

Branch: M. Tech. (CE / CSE / CS&IT / CS)
Subject with Subject Code: Software Testing
[MTCE1203A]

Semester: II
Marks: 60

Date: 18 / 05 / 2018

Time: 3 Hrs.

Instructions: 1] Attempt any 5 Questions.

2] Figures / structures to the right indicate full marks.

3] Each Question Carry **12 Marks**.

4] Assume suitable data, if necessary.

5] Neat diagrams must be drawn wherever necessary.

Solve the following:

- Q.1a) While harping on automation in automation syndrome what points must be consider? (6)
- b) Differentiate between quality assurance and quality control. Draw the Entry Task Verification model(ETVX) applied to requirement phase. (6)
- Q.2a) How to create traceability matrices? Why to use traceability matrices? What are the disadvantages of not using traceability matrices? What are the benefits of traceability matrices? (6)
- b) What is Black box testing? In what scenarios which Black box testing is most effective? (6)
- Q.3a) Explain integration testing as phase of testing and type of testing. (6)
- b) Compare and contrast between Bi-directional and big bang testing. (6)
- Q.4a) Which activities should be focus to achieve product reliability? (6)
- b) Explain stress testing. Give reasons the product may not recover immediately when the load is decrease? (6)
- Q.5a) How collecting requirement in performance testing is different than other testing? (6)
- b) Differentiate between resetting and rerunning test cases? Illustrate the use of “reset” flag for regression testing in various phase. (6)
- Q.6a) Compare and contrast between buddy and pair testing. (6)
- b) What are the different tools for object oriented system? Explain them. (6)

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