SUBJECT CODE NO:- E-164
FACULTY OF ENGINEERING AND TECHNOLOGY
T.E.(CSE/IT) Examination Nov/Dec 2017
Software Testing and Quality Assurance
(REVISED)

[Time: Three Hours]   [Max.Marks:80]

Please check whether you have got the right question paper.

N.B
i) Q. No.1 from Section A and Q. No.6 from Section B are compulsory.
ii) Attempt any two questions from the remaining questions in each section.

Section "A"

Q.1	**Answer the following (any five)**	10

1) What are the objectives of software testing?
2) List out different types of testing standards and explain any one in detail.
3) List out roles and activities in software testing life cycle.
4) What is load testing?
5) What is V model
6) What is decision coverage?
7) What do you mean by fault?
8) What is BVA?

Q.2	a) What is OOT. Explain in detail	08
	b) Explain Stress testing in detail	07
Q.3	a) Explain white box testing in detail	07
	b) Explain security testing in detail	08
Q.4	a) Explain STLC in detail.	08
	b) Explain statement coverage & condition coverage.	07
Q.5	Write Short Notes on (any three)	15

1) Unit testing
2) Web testing
3) SQA
4) Path testing.

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Section "B"

Q.6   Answer the following (any five)   10
       1) Explain the guidelines for selecting the testing tools.
       2) What are the components of test planning documents.
       3) Define : (i) Defect   ii) Failure
       4) Explain any four advantages of testing tools
       5) Define test case
       6) What are the important factors of test plan.
       7) What are the categories of defects
       8) Define testing strategies.

Q.7   a) How to select testing tools?   07
       b) Explain risk analysis in detail   08

Q.8   a) What are the objectives of test plant and documentation plan.   07
       b) Explain defect reporting in detail.   08

Q.9   a) Explain in detail data driven scripts in win Runner   08
       b) What is the need of testing tools   07

Q.10   Write short notes on (any three)   15
       (1) Open source testing tool.
       (2) Defect reporting
       (3) Features of win Runner
       (4) Test cases.

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