



THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF COMPUTER SCIENCE
B.Sc. DEGREE PROGRAMME 2017/2018
NO BOOK TEST 02
CSU5301: SOFTWARE QUALITY ASSURANCE
DURATION: ONE HOUR ONLY (1 HOUR)

Date: 29th July, 2018

Time: 04.00pm to 05.00pm

Answer ALL Questions.

Q1).

a)

- I. Assume you have been appointed to the post of Test Engineer in a software project. Can you test everything on the developed software? Justify your answer.
- II. Differentiate “Verification” and “Validation” in testing.

b)

- I. Briefly explain what is a “test case” and the attributes of a good test case.
- II. A test manager realized that the test cases were not effective; therefore most of the submitted defects became invalid (DRR is below 70%). Describe the process in place to avoid this type of situations at the initial stages of the software development life cycle.

Q2).

a)

- I. List the main levels of testing based on the V model.
- II. Explain the term ‘Quality’ from two specific viewpoints.

b)

- I. What are the key dimensions in Software Quality? Briefly explain.
- II. Explain, how to identify the important software quality factors.

All Rights Reserved