

THE OPEN UNIVERSITY OF SRI LANKA
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE
B.Sc. DEGREE PROGRAMME 2013/2014
NO BOOK TEST 01
CPU3147: SOFTWARE QUALITY ASSURANCE
DURATION: ONE HOUR ONLY (1 HOUR)

Date: 01st March 2014

Time: 8.45 am to 9.45 am

Answer ALL Questions.

Q1).

- a) What is the different between *verification* and *validation*?
- b) List down the activities that should be performed under the *Quality assurance* and *Quality Control* process?
- c) Briefly describe how *Errors*, *Faults* and *Failures* occurred during the Software development process.

Q2).

- a) List down five (05) common problems in the software development process.
- b) Briefly explain two (02) problems given in the above question (Q2.a)
- c) What is the difference between *Testing* and *Debugging*?

Q3).

- a) List down three (03) categories of test design techniques.
- b) List down four (04) attributes of a good test case?
- c) *Figure 1* describes the defect life cycle. Fill the blank fields in the *Figure 1* with the most suitable keywords given below.

Keywords: Assigns, Re-Opening, Developer, Acknowledges, Fixes, Closes, Opens, Declines

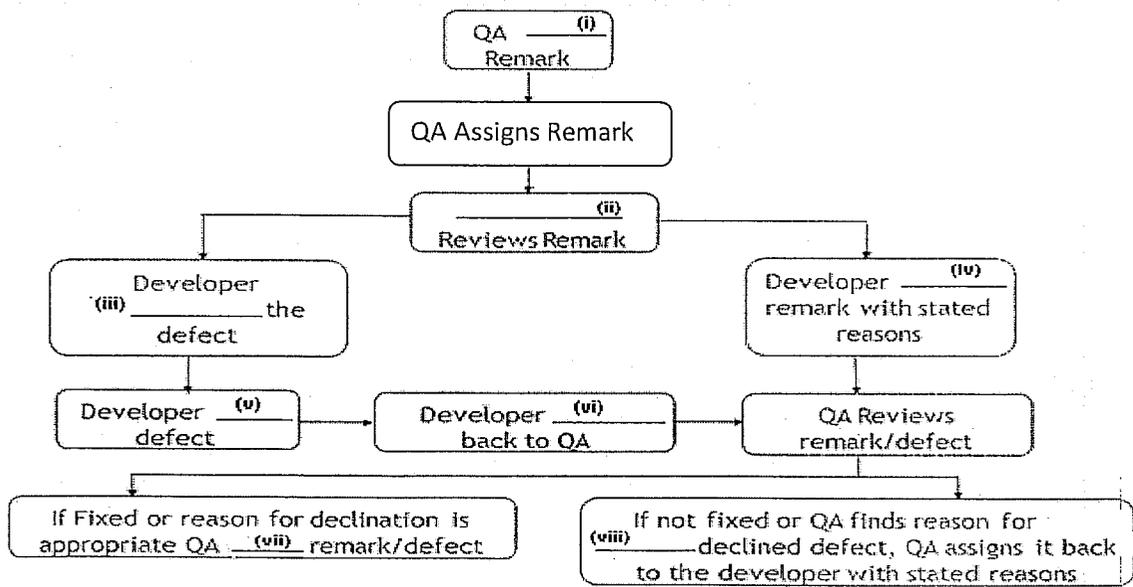


Figure 1

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