THE OPEN UNIVERSITY OF SRI LANKA
B.Sc. DEGREE PROGRAMME – 2013/2014
CSU3277- SOFTWARE ENGINEERING
OPEN BOOK TEST (OBT)
DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

DURATION: 1 HOUR

Date: 28th February, 2014   **Time: 8.45 a.m. – 9.45 a.m.**

Q1.

The following case study describes the processes in a college. Use the case study to draw a Context Diagram, followed by a zero level Data Flow Diagram.

A college offers correspondence courses to students. Each course carries on 30 weeks and is based on a weekly study module and Continuous Assessment Test (CAT). At the end of the course students sit a Final Examination.

The college Registrar deals with enquiries and applications, and students applying who have sufficient qualifications are asked to register by completing and submitting an application form.

After approval by the Academic Director, the application form is returned to the Registrar who creates a student file. The Accounts department receives the application form and using information from the student file creates an invoice that is sent to the student. Payments made are registered on the invoice file. The first batch of student material and tests is issued from the dispatch only to students who have paid fees (this information is taken from the invoice file).

Continuous Assessments are marked by academic staff and the results, together with comments, are sent out with next week's study block. The dispatch will only issue study material/CATs when a student has returned test answers from the previous week.

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