

SOUTH EASTERN UNIVERSITY OF SRI LANKA

**FINAL EXAMINATION IN BACHELOR OF BUSINESS ADMINISTRATION /
BACHELOR OF COMMERCE -2010/2011**

SEMESTER-I, JULY/AUGUST-2012

MIS 4107 – SOFTWARE ENGINEERING

Answer all questions

Time: Three Hours

Q-01

- I. List out the characteristics of well engineered software.
- II. Explain in detail about balancing act of software engineering.
- III. List out the software project categories and explain the same.
- IV. Explain key challenges faced by software engineering.

(20 Marks)

Q-02

- I. Explain waterfall model phases and its problems.
- II. Distinguish Incremental Development from Spiral development model.
- III. How CASE technology assist to software process activities.

(25 Marks)

Q-03

- I. Explain the factors that influence on the project management result? Explain.
- II. List out the reasons for project failure and explain in detail with examples.
- III. Explain the requirement engineering process in detail.

(15 Marks)

Q-04

- I. What are the phases in the Designing Process?
- II. Explain the characteristic of Good design.
- III. Compare and contrast conceptual technical design.
- IV. Discuss the issues in design creation.

(20 Marks)

Q-05

- I. Differentiate, White box testing and Black box testing.
- II. Explain what major contents are to be covered in software delivery process?
- III. Explain the types of Maintenance.
- IV. What is software evaluation of product, process and resources?

(20 Marks)