

SOUTH EASTERN UNIVERSITY OF SRI LANKA

**THIRD EXAMINATION IN BACHELOR OF BUSINESS
ADMINISTRATION / BACHELOR OF COMMERCE – 2008 / 2009**

SEMESTER – I, JUNE - 2010

MIS 3102 – SYSTEM ANALYSIS & DESIGN

Answer all questions.

Time 03: Hours

01.

i. What is the Systems Analyst's role in system development as it relates to the other stakeholders?

(07 Marks)

ii. Differentiate between systems Analysis and system Design.

(03 Marks)

iii. What are the eight fundamental principles of system development? And explain what would you do to incorporate those principles into a system development process?

(10 Marks)

(Total 20 Marks)

02.

i. Describe the basic functions of Project Management.

(08 Marks)

ii. Explain the basic competencies required for Project Manager.

(08 Marks)

iii. Differentiate between PERT and Gantt chart as project management tools.

(04 Marks)

(Total 20 Marks)

03.

i. Describe four types of systems analysis approaches for solving business system problems. (12 Marks)

ii. Explain four types of feasibility criteria

(08 Marks)

(Total 20 Marks)

04.

i. Compare functional requirement and non functional requirement.

(02 Marks)

ii. Define discovery prototyping. List three advantages and disadvantages of discovery prototyping.

(08 Marks)

iii. Briefly describe seven major activities of system implementation and maintenance.

(10 Marks)

(Total 20 Marks)

05.

Distinguish the following.

i. Systems Analyst and Business Analyst.

ii. Business Process Redesign and Continuous Process Improvement.

iii. Project Management and Process Management.

iv. System Life Cycle and System Development Methodology.

v. Data Modeling and Process Modeling.

(Total 20 Marks)