



University of Kelaniya – Sri Lanka

External Examinations Branch

Bachelor of Commerce (Special) Degree Third Examination (External)- 2010
December 2011/ January 2012

Faculty of Commerce and Management

BCOM E 3073– Management Information Systems

No. of questions: Five (05)

Time: 03 hours

Answer all questions.

01.)

- a) Select the most appropriate answer.

_____ can be identified as an information system from a functional perspective.

- i). Transaction Processing System
- ii). Finance and Accounting System
- iii). Management Information System
- iv). Decision Support System

(02 Marks)

- b) What do you mean by a system?

(03 Marks)

- c) Briefly explain an information system.

(04 Marks)

- d) Distinguish between information system and information technology.

(05 Marks)

- e) Draw a diagram to indicate the components of an information system and briefly explain them.

(06 Marks)

(Total 20 Marks)

02.)

- a) Indicate four main types of information systems from a functional perspective.

(04 Marks)

- b) Mr. Rathnayake is a supervisor in a garment factory who is responsible for day to day production in the cutting section. Which kind of information system that he would mainly use? What kind of output that he can get from that information system?

(05 Marks)

- c) Briefly explain the Decision Support System.

(05 Marks)

- d) What is the interrelationship between major types of information systems?

(06 Marks)

(Total 20 Marks)

03.)

- a). What is a strategic information system? (03 Marks)
 - b). Describe the role of a manager in using information system in an organization. (05 Marks)
 - c). What is the relationship between information systems and managerial levels in an organization? (06 Marks)
 - d). Discuss the importance of information systems from business perspective. (06 Marks)
- (Total 20 Marks)

04.)

- a) What do you mean by computer viruses? (03 Marks)
 - b). What effect that hackers create in the information system security? (03 Marks)
 - c). What are the things that can be identified as threats to an information system's security? (06 Marks)
 - d). Under the information system security, what are the things that managers should concern about and what they should do? (08 Marks)
- (Total 20 Marks)

05.)

- a). What is Management Information System? (02 Marks)
 - b). "Transaction Processing System is the basis information system to other types of information systems". Discuss. (04 Marks)
 - c). What is an ERP (Enterprise Resource Planning) System? Explain the objective of an ERP system. (06 Marks)
 - d). What are the advantages of ERP systems to an organization. (08 Marks)
- (Total 20 Marks)