



UNIVERSITY OF KELANIYA – SRI LANKA
Centre for Distance and Continuing Education
Faculty of Commerce & Management Studies

Bachelor of Commerce (Special) Degree Fourth Year Examination (External) – 2022

July – 2025

BCOM E 4033 - Management Information Systems

No. of questions: Four (04)

Answer all questions.

Time: 03 hours

Question No. 01

- a). What is an Information System? Briefly describe your answer by distinguishing between Information Technology and information systems.

(07 Marks)

- b). Describe the challenges that arise from the integration and use of information systems in contemporary organizations.

(08 Marks)

- c). Identify and discuss the major types of information systems that serve the main management levels within an organization.

(10 Marks)

(Total 25 Marks)

Question No. 02

- a). What is the role of information systems in a business? Describe.

(07 Marks)

- b). Distinguish between data and information using an example.

(08 Marks)

- c). Business firms invest heavily in information systems to achieve strategic business objectives. Explain those objectives.

(10 Marks)

(Total 25 Marks)

Question No. 03

- a). What is E-Commerce? Briefly describe.
(03 Marks)
- b). Identify and briefly explain any three (3) key security threats in e-commerce environment?
(06 Marks)
- c). Explain four (04) unique features of e-commerce compared to traditional commerce.
(08 Marks)
- d). Briefly explain four (04) benefits that businesses can gain by adopting e-commerce.
(08 Marks)
- (Total 25 Marks)**

Question No. 04

- a). What is a Database? Briefly describe.
(04 Marks)
- b). Briefly explain any four 4 characteristics of good (important) information.
(06 Marks)
- c). What are some best practices for ensuring database security and preventing unauthorized access? Briefly explain.
(07 Marks)
- d). Discuss the importance of Database Management Systems (DBMS) in contrast to Traditional Independent Systems.
(08 Marks)
- (Total 25 Marks)**