



UNIVERSITY OF KELANIYA – SRI LANKA

Centre for Distance and Continuing Education

Faculty of Commerce & Management Studies

Bachelor of Commerce (Honours) Degree First Year Examination (External) – 2024

April – 2026

BCOM 18065 - Management Information System

No. of Questions: Four (04)

Answer all Questions

Time: 03 hours

Question No. 01

- a) Explain the core concepts of Data and Information. (06 Marks)
 - b) Outline the essential qualities that make Information suitable for organizational decision-making. (09 Marks)
 - c) Describe the primary hardware components found inside a typical computer system unit and analyse their specific functions in processing business data. (10 Marks)
- (Total 25 Marks)**

Question No. 02

- a) Define an Information System (IS) and describe its core components. (06 Marks)
 - b) Explain the three main types of organizational strategies. Provide a concrete example of how an Information System can be applied to support each of these strategies. (09 Marks)
 - c) Assess how emerging technologies specifically Cloud Computing, Big Data, and Artificial Intelligence impact modern business Information Systems and evaluate how organizations can leverage them to gain a competitive advantage. (10 Marks)
- (Total 25 Marks)**

Question No. 03

- a) Define Computer Ethics and explain why ethical behaviour is a critical consideration in Information Technology. (06 Marks)
- b) Analyze the common privacy concerns that arise regarding data collection by modern apps and websites. Based on your analysis, explain the steps individuals can take to protect their personal privacy. (09 Marks)
- c) Define the Digital Divide and discuss its social implications. Explain how this gap reinforces inequality and suggest two ways to bridge the divide. (10 Marks)
- (Total 25 Marks)**

Question No. 04

- a) What is a Database, and how does its structure and function differ from traditional spreadsheets or text files? (06 Marks)
- b) Examine the primary reasons an organization would transition to using a Database Management System (DBMS). (09 Marks)
- c) Justify why cyber security is increasingly necessary to provide robust cyber protection simultaneously at the individual, organizational, and government levels. (10 Marks)
- (Total 25 Marks)**