



Where Leaders are Made

UNIVERSITY EXAMINATIONS: 2025/2026

EXAMINATION FOR THE DEGREE OF MASTER OF BUSINESS

ADMINISTRATION

MBA 510

MANAGEMENT INFORMATION SYSTEMS

END TERM EXAMINATION

DATE: APRIL, 2026

TIME: 3 HOURS

INSTRUCTIONS: Question One is Compulsory, Choose Three Other Questions

SECTION A (COMPULSORY)

QUESTION 1 – Compulsory (20 Marks)

Case:

GlobalTech Ltd, a multinational electronics company, has adopted a Management Information System (MIS) to integrate its production, sales, and HR operations. Management aims to streamline operations, improve decision-making, gain competitive advantage, and ensure secure and ethical handling of data.

Required:

- a) Explain the role of MIS in GlobalTech Ltd. (4 marks)
- b) Identify and briefly explain the components of MIS in the company. (4 marks)
- c) Suggest the types of information systems suitable for GlobalTech Ltd and justify your answer. (4 marks)
- d) Identify two ethical issues the company may face. (4 marks)
- e) Recommend two strategies for leveraging MIS for competitive advantage. (4marks)

SECTION B

(ANSWER ANY THREE (3) QUESTIONS IN THIS SECTION)

QUESTION 2 (10 Marks)

- a) Explain how Classical Management Theory influences the design and use of MIS in organizations. (5 marks)
- b) Discuss how MIS supports decision-making at various levels in an organisation. (5 marks)

QUESTION 3 (10 Marks)

- a) Differentiate between Transaction Processing Systems (TPS) and Decision Support Systems (DSS) in organizations. (5 marks)
- b) Explain the transformation of cloud computing on the efficiency and effectiveness of MIS. (5 marks)

QUESTION 4 (10 Marks)

- a) Explain the role of MIS can improve marketing decisions in an organization. (5 marks)
- b) Discuss the impact of MIS on strategic decision-making and organizational competitiveness. (5 marks)

QUESTION 5 (10 Marks)

- a) Explain three ethical issues that may arise in MIS implementation. (5 marks)
- b) Discuss the role of MIS in supporting knowledge management. (5 marks)