



# **GRETSA UNIVERSITY - THIKA**

## **UNIVERSITY EXAMINATIONS JANUARY – APRIL 2025 SEMESTER**

### **DIPLOMA IN BUSINESS MANAGEMENT**

**COURSE CODE: DBIT 010**

**COURSE TITLE: INTRODUCTION TO MANAGEMENT  
INFORMATION SYSTEMS**

**DATE: APRIL 2025**

**TIME: 2 HOURS**

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#### **INSTRUCTIONS TO CANDIDATES**

1. SECTION A IS **COMPULSORY**.
2. SECTION B: ANSWER ANY OTHER **TWO** QUESTIONS.
3. **DO NOT** WRITE ANYTHING ON THIS QUESTION PAPER AS IT WILL BE AN EXAM IRREGULARITY.
4. ALL ROUGH WORK SHOULD BE AT THE BACK OF YOUR ANSWER BOOKLET AND CROSSED OUT.

**CAUTION:** *All exam rooms are under CCTV surveillance during the examination period.*  
**SECTION A: COMPULSORY**

### **Question One**

- a) A successful firm's management is evaluating its system and seeks your expertise in software prototyping. Discuss the benefits and challenges of this approach. **[12 marks]**
- b) Organizations recognize the critical role of information systems. Explain the measures needed to secure these systems against threats. **[12 marks]**
- c) Discuss the following concepts from your management information systems class:
- i. Database Management Systems (DBMS) **[2 marks]**
  - ii. Enterprise Resource Planning Systems (ERP) **[2 marks]**
  - iii. Data Warehousing **[2 marks]**

### **SECTION B: ANSWER ANY TWO QUESTIONS**

#### **Question Two**

- a) Commercial data processing involves large input data, minimal computation, and significant output. Discuss the components of a data processing system. **[10 marks]**
- b) Organizations often hire consultants to help configure systems. Explain the requirements for an effective accounting information system. **[10 marks]**

#### **Question Three**

- a) Discuss the importance of organizational structure for effective information flow, addressing the needs at each management level. **[12 marks]**
- b) Decision-making requires deeper analysis. Explain the stages of decision-making to the management team. **[8 marks]**

#### **Question Four**

- a) The Board of Directors at Absa Bank seeks to understand information systems. Explain the types of information systems from functional and constituency perspectives. **[12 marks]**

- b) An entrepreneur skeptical about information systems' benefits should consider the potential improvements to his business. **[8 marks]**

**Question Five**

- a) External factors drive firms to develop information systems. Explain these factors to shareholders concerned about the investment's value. **[10 marks]**
- b) Management history can be viewed through technical and behavioral lenses. Discuss this classification. **[10 marks]**