



**DIPLOMA IN BUSINESS ADMINISTRATION**

**LEVEL 6 YEAR III EXAMINATIONS**

**FINAL INTEGRATED SUMMATIVE EXAMINATIONS**

**SITTING: APRIL 2022**

**SUBJECT: MANAGEMENT INFORMATION SYSTEMS**

**TIME: (3) HOURS**

**TOTAL MARKS: 100**

**PASS MARK: 50**

**INSTRUCTIONS TO CANDIDATES:**

**1. Write your examination number and National Registration Card Number on the Answer Booklet provided. Ensure to append your signature in the space provided on the answer booklet.**

**2. Write your answer SCRIPT SERIAL NUMBER on the examination register provided and the entry slip.**

**3. There are seven (7) questions in this paper.**

**4. Attempt any five (5) questions of your choice.**

**5. Each question carries twenty (20) marks.**

**6. Cell phones and programmable calculators are not allowed in the examination room.**

**DO NOT TURN THIS PAPER UNTIL YOU ARE TOLD TO DO SO**

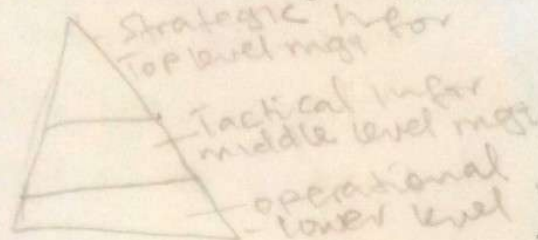
**QUESTION 1**

Discuss four (4) methods of changeover from an old system to new system. (20 marks)

**QUESTION 2**

- a) Distinguish data from information. (5 marks)  
 b) Explain each of the following types of information stating one (1) example in each case:

- (i) Operational information (5 marks)  
 (ii) Tactical information (5 marks)  
 (iii) Strategic information (5 marks)



Total (20 marks)

**QUESTION 3**

- a) Describe the content of a Feasibility Study Report. (8 marks)  
 b) Explain the uses of the following information systems:

- (i) Decision Support Systems - *Time scale, Risk mgt, Human Resource* (3 marks)  
 (ii) Management Information Systems - *decision making* (3 marks)  
 (iii) Transaction Processing Systems - *management of an org* (3 marks)  
 (iv) Expert Systems - *Transactions* (3 marks)

Total (20 marks)

**QUESTION 4**

Explain ten (10) characteristics of good information in an organization. (20 marks)

**QUESTION 5**

Explain the following technologies and how they can be used in the provision of Information in an organization:

- a) Videoconferencing (4 marks)  
 b) World Wide Web (4 marks)  
 c) Non-relational Database Management Systems (4 marks)  
 d) Knowledge-based Systems (4 marks)  
 e) Computer-Assisted Software Engineering (CASE) tools. (4 marks)

Total (20 marks)

**QUESTION 6**

- a) Distinguish off the shelf software from bespoke software. (4 marks)
- b) Explain two (2) advantages and two (2) disadvantages of:
- (i) Off the shelf software (8 marks)
  - (ii) Bespoke software (8 marks)
- Total (20 marks)**

**QUESTION 7**

Explain the following:

- a) Data integrity (4 marks)
- b) Data security (4 marks)
- c) Data redundancy (4 marks)
- d) Data consistency (4 marks)
- e) Data maintenance (4 marks)
- Total (20 marks)**