32.04.2022

TEVETA

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

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QUESTION 1

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

QUESTION 2

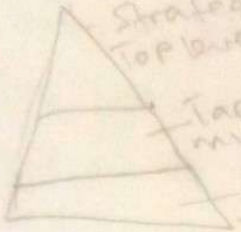
a) Distinguish data from information. (5 marks)

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 (3 marks)

(ii) Management Information Systems (3 marks)

(iii) Transaction Processing Systems (3 marks)

(iv) Expert Systems (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)

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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)

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