

061006T4ICT
ICT TECHNICIAN LEVEL 6
ICT/OS/IT/CR/08/6
PERFORM MANAGEMENT INFORMATION SYSTEM
Mar. /Apr. 2023
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

WRITTEN ASSESSMENT

3 hours

INSTRUCTIONS TO CANDIDATE

Maximum marks for each question are indicated in brackets ()

*The paper consists of **TWO** sections: **A** and **B**.*

*Answer **ALL** questions in Section **A** and **any THREE** questions from section **B** in the answer booklet provided.*

Candidate should answer the questions in English.

This paper consists of 3 printed pages

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing

Section A (40 marks)

Answer **ALL** the questions in this section

1. List **four** applications areas of transaction processing system (TPS) in an organization. (4 Marks)
2. State the steps of strategic planning process in management information system.(5Marks)
3. Highlight any **three** importances of information systems in any organization. (3 Marks)
4. Transaction processing system is used to record the day to day transactions of a organization.
List **four** examples of transaction processing system (4 Marks)
5. Kert company is using a manual information system, Highlight **five** limitations that the company faces from the system. (5 Marks)
6. List **three** causes of project failure that an organization may encounter while using the management information system. (3 Marks)
7. State **four** strategic levels of an information system used for decision making in an organization (4 Marks)
8. Information system is the combination of software, hardware, and telecommunication networks to collect useful data, especially in an organisation. Identify **four** desirable qualities of an information system. (4 Marks)
9. Differentiate between **data** and **information** as used in management information system of an organization. (4 Marks)
10. Explain **two** management information system acquisition methods that an organization may use to acquire it. (4 Marks)

Section B (60 marks)

Answer any THREE Questions in this section

11. a) Explain any **three** uses of information in an organization (6 Marks)
- b) John Company is at the initial stages of an information system project. Explain **three** activities that the company should pursue to ensure the success of the project (6 Marks)
- c) Discuss **four** reasons why it is important to involve users in the development of a new management information system rights from the beginning to the end. (8 Marks)
12. a) Decision support systems bring together data and knowledge from different areas and sources to provide users with information beyond the usual reports and summaries. Explain **five** classification of a decision support system (DSS) (10 Marks)
- b) Describe **five** components of an information system in the organization (10 Marks)
13. a) Explain **five** types of accounting information system in an organization (10 Marks)
- b) You have been invited to an organization to make a speech on the role of middle level management. Discuss **five** roles of middle level managers that you would highlight in your presentation (10 marks)
14. a) Explain **three** benefits of strategic information planning in an organization (6marks)
- b) An Organization intends to acquire a new management information system. Describe **three** features it will consider before purchasing the system (6 Marks)
- c) Discuss **four** Characteristics of a good decision support systems (DSS) used to evaluate an opportunity in an organization (8 Marks)

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