

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/6/5

MANAGE DATABASE SYSTEM

July/Aug 2023



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATES

1. This paper has THREE sections **A**, **B** and **C**.
2. You are provided with a separate answer booklet.
3. Marks for each question are as indicated.
4. Do not write on the question paper.

This paper consists of 8 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 (20 MARKS)

Answer all questions in this section.

Each question carries 1 mark.

1. Which statement below correctly defines a database
 - A. A collections of data
 - B. A collection of data stored in a structured format
 - C. A software used to store data
 - D. A system software used to search and store data
2. The following is a list of database models except
 - A. Sequential
 - B. Network
 - C. Relational
 - D. Hierarchical
3. Identify the statement that correctly describes referential integrity in a database relation
 - A. The ability of database to refer to external data source
 - B. The ability to ensure data consistency and maintain relationships between table
 - C. The ability of the database to be secure and available for data
 - D. The ability at query data from respective tables simultaneously.
4. Carrying out database auditing is necessary because?
 - A. It helps perform regular data back up from the database
 - B. It aids in implementing organization policies
 - C. It secures physical database servers
 - D. It helps to monitor and record database activities for security and compliance.
5. The process of removing redundancy from a database is called
 - A. Normalization
 - B. Compilation
 - C. Modelling
 - D. Macros
6. Which of the following object is used to store and organize data in a structured format
 - A. Table
 - B. View
 - C. Index
 - D. Trigger