

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/4/5

MANAGE DATABASE SYSTEMS

July/August 2024



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

PRACTICAL ASSESSMENT

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATE

1. In this practical assessment you are required to perform five tasks.
2. Perform ALL the tasks given in this paper.
3. **ALL** tasks carry **50** marks
4. Marks per each task are shown.
5. You are given **10 minutes** to read through the tasks and confirm the availability of the resources
6. The assessor will record your performance at critical points.

This paper consists of FOUR (4) printed pages

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

You are provided with the following resources

- A working Computer installed with Microsoft office
- Printer
- Printing papers

Task 1: (19 Marks) Creating a Database

Create a new database in Microsoft Access named "StudentManagementSystem.accdb".

Create the following tables with appropriate fields and data types:

- **Students**
 - StudentID (AutoNumber, Primary Key)
 - FirstName (Short Text)
 - LastName (Short Text)
 - DateOfBirth (Date/Time)
 - Gender (Short Text)
 - Email (Short Text)
- **Courses**
 - CourseID (AutoNumber, Primary Key)
 - CourseName (Short Text)
 - Instructor (Short Text)
 - Credits (Number)
- **Enrollments**
 - EnrollmentID (AutoNumber, Primary Key)
 - StudentID (Number, Foreign Key from Students table)
 - CourseID (Number, Foreign Key from Courses table)
 - EnrollmentDate (Date/Time)