

061306T4CPM

COMPUTER PROGRAMMING LEVEL 6

IT/OS/CP/CR/04/6/A

DEMONSTRATE DATABASE DESIGN AND DEVELOPMENT

NOV/DEC 2023



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

PRACTICAL ASSESSMENT

Time: 2 Hours

INSTRUCTIONS TO THE ASSESSOR

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Allocate the candidate **10 minutes** to carefully read through the instructions and to collect the tools/resources required for the tasks.
4. The candidate should write his/her name, registration code, date and sign in the practical assessment attendance register.
5. Ensure the candidate has a name tag and registration code at the back and front.
6. Ensure the candidate has been provided with:
 - A computer preferably installed with windows 10 and installed with MS SQL server

OBSERVATION CHECKLIST

Candidate's name & Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency			
Venue of Assessment			
Date of assessment			
<i>(Award mark(s) appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks Available	Marks Obtained	Comments
Task 1: Create a company database together with its tables using SQL Statements			
1. Launched Microsoft SQL Server Management Studio 2012 Express (Award 1 mark or zero)	1		
2. Created a new database named "MaendeleoDB." Using SQL Statement– ➤ Used "CREATE Database" statement ➤ Correctly displayed output (Award 1 mark or zero)	1		
3. Correctly created an "Employees" table using SQL Statement, Followed correct coding standards and Best Practices. ➤ USE "database"; ➤ CREATE TABLE ➤ PRIMARY KEY, ➤ FOREIGN KEY ➤ REFERENCES ➤ Added Fields (Award 1 mark for each or zero)	5		
4. Correctly displayed the Employees Table (Award 1 mark or zero)	1		