

061006T4

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/7/6

MANAGE DATABASE SYSTEMS

July/August 2024



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

PRACTICAL ASSESSMENT GUIDE

INSTRUCTIONS TO THE ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate performs the tasks.
3. Ensure the candidate has an identification tag showing Candidate's name and registration code.

This paper consists of FOUR (4) printed pages.

**Assessor should check the tool to ascertain that all the pages are printed as indicated and
that no questions are missing**

Candidate's name			
Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency	MANANGE DATABASE SYSTEMS		
Venue of Assessment			
Date of assessment			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
OBSERVATION CHECKLIST			
TASK 1			
a.			
i. Created the database called CLOTHE <i>(Award two marks for creating the database or zero)</i>	2		
ii. Created the table named OUTFIT with proper fields and data types ❖ Created table ❖ Created field ❖ Assigned proper data types <i>(Award 7 marks in total as indicated)</i>	2 2 3		
iii. inserted the information given in table 1 to the designed table <i>(Award four mark for each value added or zero)</i>	4		
iv. Updated the outfit table with the information given <i>(Award three marks or zero)</i>	3		
v. Displayed outfit names and prices in Kiambu or Nyeri <i>(Award three marks for displaying or zero)</i>	3		
b.	2		
i. designed a table called patients			

<i>(Award two marks for creating table or zero)</i>			
ii. Inserted the information using sql statements into the table <i>(Award two marks for displaying or zero)</i>	2		
iii. All patient displayed number and name using sql statement <i>(Award two marks or zero)</i>	2		
iv. Displayed all patients' details whose appointment date is 17-11-2017 <i>(Award two marks or zero)</i>	2		
v. Displayed the patient's name and appointment date for a patient whose number is P472. <i>(Award three marks or zero)</i>	3		
vi. Displayed the patient details for patients with appointment dates falling between 16-11-2017 and 17-11-2017. <i>(Award three marks or zero)</i>	3		
vii. Changed patient number p472 name to Jane <i>(Award four marks or zero)</i>	2		
Sub-Total	35		
TASK 2			
a. Created a Database named bank <i>(Award two marks or zero)</i>	2		
b. Created a table with correct field names and data types as instructed			
i. Correct field names	3		
ii. Correct data types	3		
<i>(Award three marks for each task or zero, 6 max)</i>			
Inserted all the given records correctly	4		

<i>(Award four marks or zero)</i>			
c. Displayed all columns and their datatype and size <i>(Award two marks or zero)</i>	2		
	3		
e. Created a simple view for products and prices <i>(Award four marks or zero)</i>	4		
Update product paypoint price to 450 <i>(Award four marks or zero)</i>	3		
f. Displayed the product with the highest quantity	2		
Sub-Total	25		
GRAND TOTAL	60		
ASSESMENT OUTCOMES			
The candidate was found to be: (Please tick (√) as appropriate)			
Competent <input type="checkbox"/>	Not yet competent <input type="checkbox"/>		
<i>(The candidate is competent if s/he gets 50% of the marks)</i>			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:	Date:		
Assessor's signature:	Date:		

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