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032205T4LIS

LIBRARY & INFORMATION SCIENCE LEVEL 5

BUS/OS/LIS/CR/02/5A

Search Library Information and Databases

March/April 2025

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

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ASSESSOR'S PRACTICAL GUIDE

TIME: 3 HOURS

INSTRUCTIONS TO THE ASSESSOR

Assess the candidate as the practical progresses observing the critical areas.

You are required to mark the practical as the candidate perform the tasks.

You are required to take video clips at critical points.

Ensure the candidate has a name tag and registration code at the back and front.

This paper consists FOUR (4) printed pages.

Assessor should check the guide paper to ascertain that all pages

are printed as indicated and that no questions are missing.

OBSERVATION CHECKLIST

Candidate's Name			
Candidate's Registration Code			
Assessor's Name			
Assessor's Registration Code			
Unit(s) of competency	**Search Library Information and Databases**		
Venue of Assessment			
Date of assessment			
Items to be evaluated: *Please award marks as appropriate. Give a brief comment on your observation.*	**Marks available**	**Marks obtained**	**Comments**
Task 1: Database Design			
a) Created a database called DBMS with the following tables i) Created a database ***(Award 1 marks or 0)*** i) Information materials table: , Title, subject, Author and Number of pages ***(Award 3 marks or 0)*** ii) Users table: Users name, Admission number, Course, Department ***(Award 4 marks or 0)*** iii) Issuance table: Date borrowed, Date to be returned ***(Award 3 marks or 0)***	**2** **3** **4** **3**		

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a) Assign appropriate primary key for each table. ***(Award 2 marks for each table, 2*3=6 marks)***	**6**		
b) Design a relational database schema for the tables created in a) above. ***(Award 2 marks for each table relationship 2*3=6 marks)***	**6**		
c) Populate each table with THREE entries. ***(Award 2 marks for each table entry: 2*3=6 marks)***	**6**		
Task 2: Queries and Reports			
Write an SQL query to retrieve information materials that are frequently issued. ***(Award 5 marks for correct retrieval)***	**5**		
Create a report that displays the average number of users that frequently use the information materials. Print the Report. ***(Award 10 marks for creation of report and printing)***	**15**		
TOTAL MARKS (T)	**50**		
TOTAL PERCENTAGE= T*2	**100**		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent ☐ Not yet competent ☐

(Please tick as appropriate)

(The candidate is competent if s/he gets at least 50% and above)

Feedback from candidate:

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Feedback to candidate:
Candidate's Signature **Date** **----------** **----------**
Assessor's/ verifier's signature **Date:** **----------** **----------**

THIS IS THE LAST PRINTED PAGE.

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