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061906T4TEL

TELECOMMUNICATION ENGINEERING LEVEL 6

ENG/OS/TLE/CR/17/6/A

Install WIFI

July/August 2025

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

PRACTICAL ASSESSMENT CHECKLIST

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INSTRUCTIONS TO ASSESSOR:

1. Assess the candidate as the practical progress observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take photos and video clips at the critical points
4. Ensure the candidate has a name tag and registration code at the back and front

This paper consists of FIVE (5) printed pages.

Assessor should check the assessor guide to ascertain that all pages are printed as indicated and that no page is missing.

Candidate's name & Registration Code			
Assessor's name & Registration Code			
Units(s) of Competency			
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**
OBSERVATION CHECKLIST			
1. Wore personal protective equipment i. Dustcoat/overall *(award 1 mark or 0)* ii. Safety boots *(award 1 mark or 0)*	1 1		
2. Applied good housekeeping practice i. Tidy working area arrangement *(Award 1 or 0)* ii. Proper Waste disposal *(Award 1 or 0)*	1 1		
3. Proper handling of tools and equipment i. Crimping tool *(Award 1 or 0)*	1		
Subtotal	5		
PRODUCT CHECKLIST			

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1. Configure the Router and allocate for DHCP				
TASK 1				
1.	Placed the devices on the workspace correctly a) Router *(award 1 mark or 0)* b) Switch *(award 1 mark or 0)* c) Access point (*award 1 mark or 0)* d) PC (client) *(award 1 mark or 0)* e) WLC *(award 1 mark or 0)*	1 1 1 1		
2.	Connected the devices with the correct cable *(award 2 marks per correct device connection, up to 6 marks)*	6		
3.	Arranged network neatly *(award 2 marks or 0)*	2		
	Subtotal	**12**		
TASK 2				
4.	Configured router name, password using console cable *(award 4 marks or 0)*	4		
5.	Activated the interfaces *(award 2 marks or 0)*	2		
6.	Allocated DHCP privilege to the router using console *(award 2 marks or 0)*	2		
	Subtotal	8		
TASK 3				
7.	Configured switch name, password	4		

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	using console cable *(award 4 marks or 0)*	4		
8.	Activated the interfaces via SVI *(award 4 marks or 0)*			
9.	Assigned VLANs *(award 4 marks or 0)*	4		
	Subtotal	12		
	TASK 4			
10.	Set up the Management Interface *(award 3 marks or 0)*	3		
11.	Enabled the Wireless Network (SSID configuration) *(award 3 marks or 0)*	3		
12.	Enabled the Network and Applied Settings *(award 3 marks or 0)*	3		
	Subtotal	9		
	TASK 5			
13.	Configured LAP to Use WLC *(award 3 marks or 0)*	3		
	Subtotal	**3**		
	TASK 6			
14.	Enabled wireless connectivity on client *(award 2 marks, or 0)*	2		
15.	Ensured the client received a DHCP address *(award 2 marks, or 0)*	2		
16.	Verified network access with a ping to 192.168.1. *(award 3 marks or 0)*	3		
	Subtotal	**7**		
	TASK 7			

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17. Submitted practical documentation a) Packet tracer file (.pkt) *(award 2 marks, or 0)* b) PDF report (*award 5 marks, or 0)*	**2** **5**		
Subtotal	**7**		
GRANDTOTAL	63		
$\frac{X}{63} \times 100$			

ASSESSMENT OUTCOME

The candidate was found to be:

Competent ☐ Not yet competent ☐

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from candidate:

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Feedback to candidate:

Candidate's Signature **Date**

Assessor's Signature **Date**

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