

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/1/5

PERFORM COMPUTER NETWORKING

July /August 2024



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

PRACTICAL ASSESSMENT

TIME: 3 HOURS

OBSERVATION CHECKLIST

ASSESSOR INSTRUCTIONS

1. Candidates are required to perform ALL the Tasks.
2. You are required to mark the practical as the candidate performs the tasks.
3. Ensure the candidate has a nametag and registration code at the back and front.

This paper consists of FIVE (5) printed pages.

Assessor should check the guide to ascertain that all the pages are printed as indicated

Candidate's Name			
Candidates Registration No.			
Assessor's Name			
Assessor's Reg. code			
Unit(s) of Competency	PERFORM COMPUTER NETWORKING		
Venue of Assessment			
Date of assessment			
<i>(Award marks appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
OBSERVATION CHECKLIST			
TASK 1			
1. Wore Personal Protective Equipment (i) Dustcoat/Overall <i>(Award 2 or 0)</i>	2		
2. Applied good housekeeping practice (i) Ensured clean working area before beginning working. <i>(Award 2 or 0)</i> (ii) Proper Waste disposal <i>(Award 1 or 0)</i>	2 1		
3. Identified and correct use of tools and equipment. (i) Crimping Tool (ii) Cable/wire cutter (iii) Networking cable (iv) Cable Tester (v) Computer (vi) RJ45 (vii) cable stripper <i>(Award 1 for each or 0)</i>	1 1 1 1 1 1 1		
Sub total	12		

TASK 2			
<p>i. Prepare the two ends of the Cable</p> <ul style="list-style-type: none"> • Ensured that the cut is straight, clean and the Outer Insulation stripped <i>(Award 2 or 0)</i> • Arranged the eight color-coded wires in a Straight-through connection. <i>(Award 4 or 0).</i> • Trimmed the excess length of the wires. <i>(Award 1 or 0).</i> • Crimped the Connector. <i>(Award 2 or 0).</i> • Verified the connection <i>(Award 2 or 0).</i> 	<p>2</p> <p>4</p> <p>1</p> <p>2</p> <p>4</p>		
<p>ii. Network Cable Connection.</p> <ul style="list-style-type: none"> • Inserted the Ethernet Cable into the correct port. <i>(Award 1 or 0).</i> • Connected to Second Device successfully. <i>(Award 2 or 0).</i> • Ensured the link is established. <i>(Award 2 or 0)</i> • Pinged the other device from each connected device. <i>(Award 2 or 0).</i> • Secured the Cable along its path <i>(Award 2 or 0).</i> 	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>		
<p>iii. Setting up a guest network:</p> <ul style="list-style-type: none"> • Navigated to the Wi-Fi settings. <i>(Award 2 or 0).</i> • Configured the settings for the guest network (username and password). <i>(Award 4 or 0).</i> 	<p>2</p> <p>4</p>		
<p>i. Configure a static route on a router</p> <ul style="list-style-type: none"> • Navigated to the static routing settings on the computer. <i>(Award 3 or 0).</i> 	<p>3</p>		

<ul style="list-style-type: none"> Added a new static route and saved the settings. (Award 3 or 0). 	3		
TOTAL	30		
TASK 3			
i. View of Network Information <ul style="list-style-type: none"> Opened the Network Settings (Award 4 or 0) Selected Network Connection: (Award 2 or 0) Viewed Network Information (Award 3 or 0) Verify Information. (Award 3 or 0) Close Network Settings: (Award 1 or 0) 	4 2 3 3 1		
ii. Configured the computer and obtained the IP address from a DHCP server. (Award 5 or 0)	5		
Sub – Total	18		
GRAND TOTAL	60		

ASSESSMENT OUTCOMES		
The candidate was found to be: (Please tick (√) as appropriate)		
Competent <input style="margin-left: 20px;" type="checkbox"/>	Not yet competent <input style="margin-left: 20px;" type="checkbox"/>	
<i>(The candidate is competent if the candidate scores 50% and above)</i>		
Feedback from candidate:		
Feedback to candidate:		
Candidate's signature:	Date:	
Assessor's signature:	Date:	

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