

061006T4ICT
ICT TECHNICIAN LEVEL 6
ICT/OS/IT/CR/1/6
PERFORM COMPUTER NETWORKING
JULY/AUGUST 2023



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

OBSERVATION CHECKLIST

TIME: 3 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.
- Ensure the candidate has a name tag and registration code at the back and front.

Candidate's Name			
Candidate's Registration Code			
Assessor's Name			
Assessor's Registration Code			
Unit(s) of competency	PERFORM COMPUTER NETWORKING		
Venue of Assessment			
Date of assessment			
Items to be evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks available	Marks obtained	Comments
Task 1			
Prepared cross over cable termination (award 4 marks=4)	04		
Task 2			
Assembled end devices properly award 6marks=6)	06		
Task 3			
connected devices via the switch award 4 marks=4)	04		
Assigned devices proper IP address. award 4 marks=4)	04		
Task 4			

1. checked the physical connection from the router to the switch, port used eg gigabit Ethernet port award 5 marks=5)	05		
2. Checked the gateway IP address allocated. award 3 marks=3)	03		
Task 5			
3. Checked the network DHCP IP pool created. Check preferred network gateway. Check DNS address provided etc. award 5 marks=5)	05		
4. Ensured to have the end device IP allocation set to dynamic and not static as was previously. award 4 marks=4)	04		
5. Checked devices to see that they have the IP address familiar to the one provided in the DHCP pool created. (award 4 marks=4)	04		
Task 6			
6. Enabled Firewalls award 3 marks=3)	03		
Task 7			
7. Tested connection between the end devices (ping or tracert commands can be used) ping pc1 from pc2 and pc3	04		

award 4 marks=4)				
8. Tested connectivity to the internet by pinging the gateway IP address from any of the device. The web browser installed on the computer can as well be used in the places of pinging. (award 4 marks=4)		04		
		50		
ASSESSMENT OUTCOME				
The candidate was found to be: <div style="text-align: center;"> Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/> </div> <i>(Please tick as appropriate)</i> <i>(The candidate is competent if s/he gets at least 50% and above)</i>				
Feedback from candidate:				
Feedback to candidate:				
Candidate's Signature		Date		
_____		_____		
Assessor's/ verifier's signature		Date:		
_____		_____		