

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/1/5

Perform Computer Networking

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO ASSESSOR

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

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: kindly award marks as appropriate. Give a brief comment on your observation.	Marks Available	Marks Obtained	Comments
TASK 1:			
1. Identified the tools and equipment provided <ul style="list-style-type: none"> • Computers • Crimping tool • RJ45 connectors • Printer • Ethernet cable • Cable tester • Wire stripper • switch <i>(Award 1 mark for each tool or equipment)</i>	8		
2. Drew a sketch ring topology <i>(Award 4 marks for correctly drawn topology)</i>	4		
3. Prepared the cables by crimping to the RJ45 connector <i>(Award 2 marks for using appropriate tool and 2 marks for correct crimping, 2x2=4 marks)</i>	4		
4. Tested the cables <i>(Award 2 marks for using appropriate tool and 2 marks for working cable, 2x2=4 marks)</i>	4		
5. Set up the network <ul style="list-style-type: none"> • Connected switch to the internet 	3		

<ul style="list-style-type: none"> Connected the computer to the switch using the ethernet cable Switched on the computer <p><i>(Award marks for each correct step as allocated)</i></p>	2	1	
6. Assigned computers with an IP address <ul style="list-style-type: none"> Manually configured the computer to a static IP address Captured a screenshot of the edit IP settings window Paste the screenshot in MS word and save it as IP. <p><i>(Award marks for correct step as allocated)</i></p>	3	1	2
7. Correctly used the ping tool to test the connectivity of the network <p><i>(Award 4 marks for correctly testing the network)</i></p>	4		
8. Searched for “How to safely use the internet” from the internet. Saved the search in a word document as “internet” on the desktop <p><i>(Award 5 marks for accessing the internet and searching for the information)</i></p>	5		
9. Shared the file “internet” between the two computers on the network. <p><i>(Award 3 marks for successfully sharing the file or zero)</i></p>	3		
10. Generated a testing report <p><i>(Award 2 marks for generated report or zero)</i></p>	2		
11. Screenshot the test report and saved it in a Microsoft word document as “testing report” on the desktop.	3		

<i>(Award 1 mark for screenshot and 2 marks for saving)</i>			
12. Printed the test report. <i>(Award 1 mark or zero)</i>	1		
GRAND TOTAL	50		

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 the Candidate:

Feedback to the Candidate:

Candidate Signature

Date:

Assessor's Signature

Date