

061005T4ICT

ICT TECHNICIAN LEVEL 5

ICT/OS/IT/CR/01/5

Perform Computer Networking

Nov/Dec 2025



**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: Please award marks as appropriate. Give a brief comment on your observation.	Marks Available	Marks Obtained	Comments

TASK 1: IDENTIFICATION AND CONNECTION OF NETWORK COMPONENTS

1. Identified all the and provided. <ul style="list-style-type: none"> a) Networking devices <ul style="list-style-type: none"> • Switch • Router b) Network media <ul style="list-style-type: none"> • RJ-45 • Ethernet cable c) Tools devices <ul style="list-style-type: none"> • Crimping tools • Testers • Cable stripper • Tape measure <i>(Award 1 mark each)</i>	8		
2. Terminated the Ethernet cables. <ul style="list-style-type: none"> • End one • End two <i>(Award 4 marks each)</i>	8		
3. Tested the terminated Ethernet cables.	4		
4. Connected the two computers.	2		
Sub-Total 1	22		
TASK 2: CONFIGURATION OF CONNECTED NETWORK DEVICES			
1. Powered on all the connected devices.	2		
<i>(Award 2 marks)</i>			
2. Assigned IP addresses to the two computers.	4		

<i>(Award 4 marks each)</i>			
3. Created a word document named: “My Network” <i>(Award 2 marks)</i>	2		
4. Captured a screenshot of the IP configuration window. <i>(Award 4 marks)</i>	4		
5. Saved the IP Configuration screenshot in “My Network” document. <i>(Award 1 mark)</i>	1		
6. Tested the connectivity between the two computers. <i>(Award 4 marks)</i>	4		
Sub-Total 2	17		
TASK 3: DESIGNING A NETWORK TOPOLOGY			
1. Drew a network topology. <i>(Award 4 marks)</i>	4		
2. Labelled all components. <ul style="list-style-type: none"> • Terminal 1 • Terminal 2 • Router • Ethernet cables <i>(Award 1 mark each)</i>	4		
3. Set up file sharing between the two computers <i>(Award 2 marks)</i>	2		
4. Successfully transferred the word document saved earlier on one of the computers to the connected computer. <i>(Award 3 marks)</i>	3		
5. Wrote the network design report. <ul style="list-style-type: none"> • Title • Network topology • Network connection statistics • Screenshots • Recommendations 	10		

(Award 2 marks each)			
6. Printed “My Network” document.	2		
Sub-Total 3	25		
GRAND TOTAL	64		

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