

**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

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors Name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of Assessment</b>			
<b>Items to be Evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK 1: IDENTIFICATION AND CONNECTION OF NETWORK COMPONENTS</b>			
1. Identified all the and provided. <ul style="list-style-type: none"> <li>a) Networking devices               <ul style="list-style-type: none"> <li>• Switch</li> <li>• Router</li> </ul> </li> <li>b) Network media               <ul style="list-style-type: none"> <li>• RJ-45</li> <li>• Ethernet cable</li> </ul> </li> <li>c) Tools devices               <ul style="list-style-type: none"> <li>• Crimping tools</li> <li>• Testers</li> <li>• Cable stripper</li> <li>• Tape measure</li> </ul> </li> </ul> <i>(Award 1 mark each)</i>	8		
2. Terminated the Ethernet cables. <ul style="list-style-type: none"> <li>• End one</li> <li>• End two</li> </ul> <i>(Award 4 marks each)</i>	8		
3. Tested the terminated Ethernet cables. <i>(Award 4 marks)</i>	4		
4. Connected the two computers. <i>(Award 2 marks)</i>	2		
<b>Sub-Total 1</b>	<b>22</b>		
<b>TASK 2: CONFIGURATION OF CONNECTED NETWORK DEVICES</b>			
1. Powered on all the connected devices. <i>(Award 2 marks)</i>	2		
2. Assigned IP addresses to the two computers.	4		

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

(Award 2 marks each)			
6. Printed “My Network” document.	2		
<b>Sub-Total 3</b>	<b>25</b>		
<b>GRAND TOTAL</b>	<b>64</b>		
<b>ASSESSMENT OUTCOME</b>			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
<b>Feedback from the Candidate:</b>			
<b>Feedback to the Candidate:</b>			
<b>Candidate Signature</b>		<b>Date:</b>	
_____		_____	
<b>Assessor’s Signature</b>		<b>Date</b>	
_____		_____	