

**061006T4ICT**

**ICT TECHNICIAN LEVEL 6**

**ICT/OS/IT/CR/1/6**

**PERFORM COMPUTER NETWORKING**

**NOV/DEC 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.
3. Ensure the candidate has a name tag and registration code at the back and front.

## OBSERVATION CHECKLIST

<b>Candidate's Name</b>			
<b>Candidate's Registration Code</b>			
<b>Assessor's Name</b>			
<b>Assessor's Registration Code</b>			
<b>Unit(s) of competency</b>	<b>PERFORM COMPUTER NETWORKING</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</b> <b>PERFORM COMPUTER NETWORKING</b>			
1. Prepared straight through cable termination <i>(Award 4 marks or zero)</i>	4		
2. Assembled end devices properly <i>(Award 6marks or zero=6)</i>	6		
3. Connected devices via the switch <i>(Award 4 marks or zero 4)</i>	4		
4. Assigned devices proper IP address. <i>(Award 4 marks or zero)</i>	4		
5. Checked the physical connection from the router to the switch, port used eg gigabit Ethernet port <i>(Award 5 marks or zero)</i>	5		

6. Checked the gateway IP address allocated. <i>(Award 3 marks or zero)</i>	<b>3</b>		
7. Checked the network IP pool created. Assign a default gateway and DNS address provided etc. <i>(Award 5 marks or zero)</i>	<b>5</b>		
8. Ensured to have the end device IP allocation set to static and not dynamic as was previously. <i>(Award 3 marks or zero)</i>	<b>3</b>		
9. Checked devices to see that they have the default gateway 192.168.66.1 familiar to the one similar to the router. <i>(Award 4 marks or zero)</i>	<b>4</b>		
10. Tested connection between PC1 and PC2 using ping <i>(Award 4 marks or zero)</i>	<b>4</b>		
11. Set a password to the router to prevent unauthorized access <i>(Award 4 marks or zero)</i>	<b>4</b>		
12. 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. <i>(Award 4 marks or zero)</i>	<b>4</b>		
<b>TOTAL MARKS</b>	<b>50</b>		

<b>ASSESSMENT OUTCOME</b>	
<b>The candidate was found to be:</b>  Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/> <i>(Please tick as appropriate)</i> <i>(The candidate is competent if s/he gets at least 50% and above)</i>	
<b>Feedback from candidate:</b>  	
<b>Feedback to candidate:</b>  	
<b>Candidate's Signature</b>  -----	<b>Date</b>  -----
<b>Assessor's/ verifier's signature</b>  -----	<b>Date:</b>  -----