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061006T4ICT
ICT TECHNICIAN LEVEL 6
IT/OS/ICT/CR/01/6
Perform Computer Networking
Nov/Dec 2024

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

PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

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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: NETWORK CABLE PREPARATION			
a) Adhered to prescribed Safety standards(Mask, protective Clothing e.t.c) ***(Award 1 mark for any 2 PPEs)***	**2**		
b) Used the wire cutter or the crimping tool to cut the Ethernet cable to the desired length. ***(Award 1 mark)***	**1**		
c) Used the wire stripper to remove the outer insulation from both ends of the cable (***Award 1 mark)***	**1**		
d) Untwisted them slightly according to the wiring standard ***(Award 1 mark)***	**1**		
e) Arranged the wires in the correct order based on the color codes –White-orange, Orange, White-green, Blue, White-blue, Green, White brown, Brown ***(Award 4 marks or 0)***	**4**		
f) Trimmed the wires to an even length and insert the wires into the RJ-45 connector in the correct order, from left to right ***(Award 3marks)***	**3**		
g) Used the cable crimping tool to crimp the connector onto the cable. Apply firm pressure to ensure a secure connection ***(Award 3marks)***	**3**		
h) Correctly terminated the two cables ***(Award 5marks)***	**5**		

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i) Used cable tester to test cable connectivity. ***(Award 5marks)***	**5**		
Sub-Total 1	**25**		
TASK 2: SETTING UP THE COMPUTER NETWORK			
1. Plugged one end of the Ethernet cables into an available port on the network switch. ***(Award 2 marks)***	**2**		
2. Plugged the other end of the Ethernet cable into the Ethernet port on the two computers ***(Award 2 marks)***	**2**		
3. Checked if it has received an IP address and is connected to the network. (used ipconfig) ***(Award 2 marks)***	**5**		
4. Tested network connectivity, (used ping command) ***(Award 5 marks)***	**5**		
5. Checked network performance, (used tracert) ***(Award 5 marks)***	**5**		
Created a file in one of the computer ***(Award 5 marks)***	**2**		
6. Checked network services by sharing a file ***(Award 4 marks)***	**4**		
Sub-Total 2	**25**		
GRAND TOTAL	**50**		

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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** _____ _____

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