

061306T4CSC

COMPUTER SCIENCE LEVEL 6

ICT/OS/CS/CR/07/6/A

Understand Networking and Distributed Systems

Nov/Dec 2024



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

PRACTICAL ASSESSMENT

OBSERVATION CHECKLIST

INSTRUCTIONS TO ASSESSOR

1. You are required to mark the practical as the candidate performs the task.
2. You are required to take video clips at critical points.
3. Ensure that the candidate has a name tag and a registration code at the back and front.
4. Allocate **10** minutes for the candidate to identify and confirm the availability of the resources.
5. Candidate to perform the task as per the requirements of each question.
6. Marks for each task are given.
7. For shared resources clear the Computer off the previous candidates work

| | | | |
|---|----------------------------------|-----------------------|-----------------|
| Candidate's Name & Registration Code | | | |
| Assessors Name & Registration Code | | | |
| Venue of Assessment | | | |
| Date of Assessment | | | |
| Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i> | Marks Available | Marks Obtained | Comments |
| TASK 1: Setup a Computer network | | | |
| a. Prepared a network cable that can be used to link the computers - Matched color coding - Correctly crimped RJ45 <i>(Award 3 marks for each)</i> | 3 3 | | |
| b. Label the computer assigned A and B <i>((Award 2 marks for correct labels))</i> | 2 | | |
| c. Setup a network of two computers A and B i. Assign computer A IP address 192.168.1.10 ii. Assign computer B IP address 192.168.1.11 iii. Set gateway as default. <i>(Award 5 marks for each correct task or 0)</i> | 5 5 5 | | |
| d. Created a folder in Computer A i. CompA (folder name) ii. Has sharable properties <i>(Award 2 marks for each correct task or 0)</i> | 2 2 | | |
| e. Tested the connectivity between the computers. i. Ping computer A in computer B ii. Ping computer B in computer A iii. Screen captured ping results – saved in a shared folder <i>(Award 5 marks for each correct task or 0)</i> | 5 5 5 | | |

| | | | |
|--|-----------|--------------|--|
| | | | |
| f. Configure a sharable printer in Computer B <i>(Award 4 marks for each correct task or 0)</i> | 4 | | |
| g. Print the contents of CompA folder from Computer B <i>(Award 4 marks for each correct task or 0)</i> | 4 | | |
| TOTAL | 50 | | |
| ASSESSMENT OUTCOME | | | |
| <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> | | | |
| Feedback from the Candidate: | | | |
| Feedback to the Candidate: | | | |
| Candidate Signature | | Date: | |
| _____ | | _____ | |
| Assessor's Signature | | Date | |
| _____ | | _____ | |

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