

061306T4CSC

COMPUTER SCIENCE LEVEL 6

ICT/OS/CS/CR/02/6/A

Understand Operating Systems

March/April 2025



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

PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE 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			
Candidate's Registration Code			
Assessor's Name			
Assessor's Registration Code			
Venue of Assessment			
Date of assessment			
<i>(Award mark(s) appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks available	Marks obtained	Comments
Task 1: Gather and analyse system information and perform system diagnosis			
1. Observed laboratory rules. <i>(Award 2 marks or zero)</i>	2		
2. Checked updates 3. Installed updates 4. Saved screenshot as ' <i>memdat</i> ' <i>(Award 3 marks for each or zero)</i>	6		
5. Accessed the system log information 6. Displayed the system uptime Saved screenshot as ' <i>logdat</i> ' <i>(Award 1 mark for each or zero)</i>	2		
TOTAL	10		
Task 2:			

Manage system processes and performance.			
7. Launched the 'taskkill' tool. 8. Ended non-responsive tasks Saved screenshot as ' <i>tasterm</i> ' (Award 2 marks for each or zero)	4		
9. Monitored system performance on Task Manager 10. Saved screenshot as ' <i>sysperf</i> ' (Award 1 mark or zero for each)	2		
11. Wrote the correct script syntax. 12. Tested the script. Saved screenshot as ' <i>autospt</i> ' (Award 2 mark or zero for each)	4		
TOTAL	10		
Task 3: Configure disks and storage volumes			
13. Launched the disk management tool. 14. Shrunk the disk 15. Formatted disk correctly (Award 2 marks or zero for each)	6		
16. Ran chkdsk tool 17. Retrieved error report Saved screenshot as ' <i>dschk</i> ' (Award 1 mark or zero for each)	2		
18. Cleared tmp files with reporting Saved screenshot as ' <i>srgug</i> ' (Award 2 marks or zero)	2		
TOTAL	10		
Task 4: Configure users and permissions			
19. Opened the accounts management window. 20. Created a new account	6		

21. Configured permissions <i>(Award 2 mark or zero for each)</i>			
22. Assigned READ permission. Saved screenshot as ' <i>perasgn</i> ' <i>(Award 4 marks or zero)</i>	4		
23. Configured password policies - Min length 6 char - Compulsory number and symbol 24. Added password to the main account. - Access#25 <i>(Award 5 marks or zero for each)</i>	10		
TOTAL	20		
GRAND TOTAL	50		
ASSESSMENT OUTCOME			
The candidate was found to be: Competent ☐ Not yet competent ☐ <i>(Please tick as appropriate)</i> <i>(The candidate is competent if s/he gets 50% or higher of the items of evaluation correct)</i>			
Feedback from candidate:			
Feedback to candidate:			
Candidate's Signature		Date	
_____		_____	
Assessor's/ verifier's signature			