

061306T4CSC

COMPUTER SCIENCE LEVEL 6

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

ICT/OS/CS/CR/02/6/B

Understand Operating Systems

July/August 2025



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

OBSERVATION CHECKLIST

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. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name and Registration Code	
Assessor's Name and 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: Install Windows Operating System			
1. Checked system requirements 2. Saved the screenshot as <i>SystReq</i> 3. Backed up data <i>(Award 2 marks each or zero)</i> 4. Formatted the computer with Windows Operating System <i>(Award 5 marks or zero)</i>	11		
Task 2: Configure the computer			
1. Set a primary user account <i>(Award 2 marks or zero)</i>	2		
Task 3: Gather System Information			
1. Checked Hardware and software information using Run dialog box 2. Saved screenshot as 'SysInfo' 3. Gathered software system information using Command prompt 4. Saved screenshot as 'SysInfo1' <i>(Award 3 marks each or zero)</i>	12		
SUB-TOTAL	27		
Task 4: Process Management			

1. Opened task manager (Award 2 marks or 0)	2		
2. Documented			
a) Information of 3 processes: •The name of the process •PID (Process Identifier) •Status •User name: The user account under which the process is running. •CPU: The percentage of CPU resources the process is currently using. •The amount of physical RAM the process is currently using. •Disk: The rate of disk I/O (read/write operations) the process is performing. (Award 3 marks each or 0, total 18 marks)	18		
b) 3 resource intensive processes (Award 3 marks or 0)	3		
c) Disabled 3 unnecessary start up processes (Award 3 marks or 0)	3		
SUB-TOTAL	26		
Task 5: Monitor System Performance			
1. Opened the task manager (Award 2 marks or 0)	2		
2. Took and saved the screenshots as: • <i>perfcpu</i> • <i>perfmem</i> • <i>perfdisk</i>	31		

<p><i>(Award 3 mark each or 0, total 9 marks)</i></p> <p>3. Closed all applications <i>(Award 1 mark or 0)</i></p> <p>4. Took and saved the screenshots as:</p> <ul style="list-style-type: none"> • <i>perfcpu1</i> • <i>perfmem1</i> • <i>perfdisk1</i> <p><i>(Award 3 mark each or 0, total 9 marks)</i></p> <p>5. Opened 3 applications <i>(Award 3 marks or 0)</i></p> <p>6. Took and saved the screenshots as:</p> <ul style="list-style-type: none"> • <i>perfcpu2</i> • <i>perfmem2</i> • <i>perfdisk2</i> <p><i>(Award 3 marks or 0, total 9 marks)</i></p>			
SUB-TOTAL	33		
Task 6: Input/Output Management			
<p>1. Opened the resource monitor <i>(Award 2 marks or 0)</i></p> <p>2. Documented 3 processes reading from or writing to disk <i>(Award 3 marks or 0)</i></p> <p>3. Took a screenshot and saved as <i>InputOutput</i> <i>(Award 1 mark or 0)</i></p> <p>4. Copied a video to a different location <i>(Award 2 marks or 0)</i></p> <p>5. Took a screenshot and saved as <i>InputOutput1</i> <i>(Award 1 mark or 0)</i></p> <p>6. Documented 3 process activities in the Network tab <i>(Award 3 marks or 0)</i></p> <p>7. Downloaded a video from the internet <i>(Award 1 mark or 0)</i></p>	15		

8. Took a screenshot and saved as <i>InputOutput2</i> (Award 2 marks or 0)			
Task 7: Perform disk storage performance			
1. Identified devices and drives and saved the screenshot as ' <i>devdri</i> ' 2. Explored Properties of drives and saved the screenshot as ' <i>prodri</i> ' 3. Created a new partition and saved it as ' <i>NewStorage</i> ' 4. Cleaned temporary files and saved screenshot as ' <i>Tempfiles</i> ' (Award 3 marks each or 0, total 12 marks)	12		
Task 8: Configure users and permissions			
1. Created a new user CANDIDATE 2. Locked the account with an appropriate password 3. Set file permissions to read only 4. Saved the screenshot as ' <i>fileperm</i> ' 5. Configured password policies (Award 3 marks each or 0, total 15 marks) 6. Took and saved the screenshot as ' <i>fileperm1</i> ' (Award 1 mark or 0)	16		
SUB-TOTAL	43		
GRAND TOTAL	129		
PERCENTAGE SCORE %	100%		
ASSESSMENT OUTCOME			
<p>The candidate was found to be:</p> <p>Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/></p> <p>(Please tick as appropriate)</p>			

<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
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Assessor's/ verifier's signature	