

**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**

<b>Candidate's Name and Registration Code</b>	
<b>Assessor's Name and Registration Code</b>	
<b>Venue of Assessment</b>	
<b>Date of assessment</b>	

<p><i>(Award mark(s) appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i></p>			
Items to be evaluated:	Marks available	Marks obtained	Comments
<b>Task 1: Install Windows Operating System</b>			
1. Checked system requirements 2. Saved the screenshot as 'SystReq' 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>	<b>11</b>		
<b>Task 2: Configure the computer</b>			
1. Set a primary user account <i>(Award 2 marks or zero)</i>	<b>2</b>		
<b>Task 3: Gather System Information</b>			
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>	<b>12</b>		
<b>SUB-TOTAL</b>	<b>27</b>		
<b>Task 4: Process Management</b>			

1. Opened task manager <i>(Award 2 marks or 0)</i>	2		
2. Documented <ul style="list-style-type: none"> <li>a) Information of 3 processes:               <ul style="list-style-type: none"> <li>• The name of the process</li> <li>• PID (Process Identifier)</li> <li>• Status</li> <li>• User name: The user account under which the process is running.</li> <li>• CPU: The percentage of CPU resources the process is currently using.</li> <li>• The amount of physical RAM the process is currently using.</li> <li>• Disk: The rate of disk I/O (read/write operations) the process is performing.</li> </ul> </li> </ul> <i>(Award 3 marks each or 0, total 18 marks)</i>	18		
b) 3 resource intensive processes <i>(Award 3 marks or 0)</i>	3		
c) Disabled 3 unnecessary start up processes <i>(Award 3 marks or 0)</i>	3		
<b>SUB-TOTAL</b>	<b>26</b>		
<b>Task 5: Monitor System Performance</b>			
1. Opened the task manager <i>(Award 2 marks or 0)</i>	2		
2. Took and saved the screenshots as: <ul style="list-style-type: none"> <li>• <i>perfcpu</i></li> <li>• <i>perfmem</i></li> <li>• <i>perfdisk</i></li> </ul>	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"> <li>• <i>perfcpu1</i></li> <li>• <i>perfmem1</i></li> <li>• <i>perfdisk1</i></li> </ul> <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"> <li>• <i>perfcpu2</i></li> <li>• <i>perfmem2</i></li> <li>• <i>perfdisk2</i></li> </ul> <p><i>(Award 3 marks or 0, total 9 marks)</i></p>			
<b>SUB-TOTAL</b>	<b>33</b>		
<b>Task 6: Input/Output Management</b>			
<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>	<b>15</b>		

8. Took a screenshot and saved as <i>InputOutput2</i> ( <i>Award 2 marks or 0</i> )			
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**Task 7: Perform disk storage performance**

- Identified devices and drives and saved the screenshot as '*devdri*'
- Explored Properties of drives and saved the screenshot as '*prodri*'
- Created a new partition and saved it as '*NewStorage*'
- Cleaned temporary files and saved screenshot as '*Tempfiles*'

(*Award 3 marks each or 0, total 12 marks*)

12

**Task 8: Configure users and permissions**

- Created a new user CANDIDATE
- Locked the account with an appropriate password
- Set file permissions to read only
- Saved the screenshot as '*fileperm*'
- Configured password policies

(*Award 3 marks each or 0, total 15 marks*)

6. Took and saved the screenshot as '*fileperm1*'

(*Award 1 mark or 0*)

16

**SUB-TOTAL**

43

**GRAND TOTAL**

129

**PERCENTAGE SCORE %**

100%

**ASSESSMENT OUTCOME****The candidate was found to be:**Competent Not yet competent *(Please tick as appropriate)*

*(The candidate is competent if s/he gets 50% or higher of the items of evaluation correct)*

**Feedback from candidate:**

**Feedback to candidate:**

**Candidate's Signature**

**Date**

**Assessor's/ verifier's signature**