

**061004T4ICT**

**ICT LEVEL 4**

**IT/OS/ICTA/CC/03/4/A**

**Repair and Maintain a Computer**

**Nov/Dec 2024**



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

**PRACTICAL ASSESSMENT**

**INSTRUCTIONS TO 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

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors Name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of Assessment</b>			
<b>Items to be Evaluated:</b> <i>Kindly award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK 1: Assemble and Disassemble Computer Components</b>			
1. Used Personal Protective Equipment PPE(Dust coat, Mask, Safety boots, goggles e.t.c) <i>(Award 1mark for any 2PPEs)</i>	<b>2</b>		
2. Disconnected computer system <ul style="list-style-type: none"> <li>• Power source</li> <li>• Monitor</li> <li>• Mouse and keyboard</li> </ul> <i>(Award 1 mark each)</i>	<b>3</b>		
3. Located the following components <ul style="list-style-type: none"> <li>• RAM</li> <li>• CPU</li> <li>• Power Supplier</li> <li>• Motherboard</li> <li>• Hard disk</li> </ul> <i>(Award 1 mark each)</i>	<b>5</b>		
4. Disassembled computer component <ul style="list-style-type: none"> <li>• RAM</li> <li>• CD/DVD Drive</li> <li>• Power Supplier</li> <li>• Hard disk</li> <li>• Fan</li> <li>• Heat sink</li> </ul>	<b>20</b>		

<ul style="list-style-type: none"> <li>• CPU</li> <li>• Connectors</li> <li>• Expansion cards</li> <li>• Motherboard</li> </ul> <p><i>(Award 1 mark each)</i></p>			
<p>5. Cleaned computer component property</p> <ul style="list-style-type: none"> <li>• Used Anti-static brush to clean dust from around motherboard components</li> <li>• Used blower to blow dust out of the heat sink and CPU fan.</li> <li>• Used a duster to wipe the exterior of hard drives or SSDs.</li> <li>• Used a duster dampened with spirit or a screen</li> <li>• Used blower to blow out dust and debris from the keyboard and mouse.</li> </ul> <p><i>(Award 1 mark each)</i></p>	5		
<p>6. Reassembled computer component</p> <ul style="list-style-type: none"> <li>• RAM</li> <li>• CD/DVD Drive</li> <li>• Power Supplier</li> <li>• Hard disk</li> <li>• Fan</li> <li>• Heat sink</li> <li>• CPU</li> <li>• Connectors</li> <li>• Expansion cards</li> <li>• Motherboard</li> </ul> <p><i>(Award 1 mark each)</i></p>	10		

7. Connected the computer system • Monitor • Keyboard and mouse • Power connectors <i>(Award 1 mark each)</i>	3		
8. Booting • Screen power • System unit power <i>(Award 1 mark each)</i>	2		
<b>Sub-Total 1</b>	<b>50</b>		
<b>GRAND TOTAL</b>	<b>50</b>		

### **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**