

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/6/6

Perform Computer Repair and Maintenance

March/April 2025



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

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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

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Kindly award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1:			
1. • Wore personal protective equipment • . Ensured the workspace is clean, well-lit, and free of static. • identified tools ○ Screwdriver set ○ Antistatic mat ○ Tweezers <i>(Award 1 mark each)</i>	1 1 1 1 1		
2. Cleaned Internal Components • Shut down the system and disconnect it from the power source <i>(Award 2 Marks)</i> • Opened the case <i>(Award 2 Marks)</i> • Cleaned the internal components <i>(Award 2 Marks)</i>	2 2 2		
3. Managed Cables • Check and secure all cable connections inside the system. • Closed the computer casing and booted up	3 3		

the computer (Award 3 marks each)			
4. Optimized system. - Performed disk cleanup - Performed disk defragmentation. - Ran a system scan. (Award 3 marks each)	4 4 4		
5. Documented the exercise - Wrote a maintenance report describing actions and outcomes (Award 5 marks) - Saved the report as TASK 1 on the computer desktop (Award 2 marks).	5 2		
Sub Total	36		
TASK 2:			
1. External Inspection - Examined the hard drive casing for physical damage. - Checked for signs of overheating or burning (Award 2 marks each)	2 2		
2. Removed the Cover - Used the correct screwdriver to remove all screws from the hard drive casing. - Gently pried open the casing. - Safely placed removed screws and components in an organized manner (Award 2 marks each)	2 2 2		
3. Did Internal Inspection Identified internal components:			

○ Platter(s) ○ Read/write head ○ Spindle motor ○ Actuator arm ○ Printed Circuit Board <i>(Award 1 mark each)</i> • Checked the actuator assembly for smooth movement and functionality <i>(Award 2 marks)</i>	1		
4. Reassembled and Cleaned-Up • Reassembled the hard drive. <i>(Award 4 marks)</i> • Cleaned the workspace and safely stored the tools. • Adherence to safety protocols throughout the process <i>(Award 1mark each)</i>	4		
5. Wrote a detailed report including: • Observations during external and internal inspections. • Identified issues and their potential causes. • Recommendations <i>(Award 3 marks each)</i> • Saved Report on the Desktop as Task 2 <i>(Award 2 marks)</i>	3		
Sub-Total 2	34		
GRAND TOTAL	70		
ASSESSMENT OUTCOME			

The candidate was found to be:	
Competent ☐	Not yet Competent ☐
<i>(Please tick as appropriate)</i>	
<i>(The candidate is competent if the candidate obtains at least 50%)</i>	
Feedback from the Candidate:	
Feedback to the Candidate:	
Candidate Signature	Date:
_____	_____
Assessor's Signature	Date
_____	_____