

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/3/5

Perform Computer Repair and Maintenance

March/April 2025



**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

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
TASK 1: Troubleshoot and assemble Computer Accessories			
1. Worn PPES <i>(Award 2 or zero)</i>	2		
2. Prepared the working area and observed safety precaution <i>(Award 2 or zero)</i>	2		
3. Safely disconnected the device power and all the peripheral devices. <i>(Award 2 or zero)</i>	2		
4. Opened the system unit case correctly and safely. <i>(Award 2 or zero)</i>	2		
5. Correctly identified the components in the system unit that were not properly fixed on the motherboard: I. RAM II. Power Supply III. Hard disk IV. CMOS V. SATA Cables <i>(Award 2 mark or zero for each)</i>	2 2 2 2 2		

6. Correctly installed the missing components			
I. RAM	2		
II. Power Supply	2		
III. Hard disk	2		
IV. CMOS	2		
V. SATA Cables	2		
<i>(Award 2 mark or zero for each)</i>			
7. Successfully reconnected the peripheral devices turned on the computer and it boots up correctly.	5		
<i>(Award 5 or zero)</i>			
Sub-Total 1	33		
TASK 2: Perform system diagnosis.			
8. Successfully opened DirectX diagno	2		
<i>(Award 5 or zero)</i>			
9. Successfully got the information on there are any faults in the system	3		
<i>(Award 3 or zero)</i>			
10. Performed disk optimization and defragmentation on Local Disk C	2		
<i>(Award 2 or zero)</i>			
11. Successfully opened the Disk Optimization Tool	3		
<i>(Award 2 or zero)</i>			
12. Correctly Defragmented Local Disk C	3		
<i>(Award 3 or zero)</i>			
13. Performed error checking on Local Disk C	5		
<i>(Award 5 or zero)</i>			
14. Correctly shutdown the computer	4		
<i>(Award 4 or zero)</i>			

Sub-Total 2	22		
GRAND TOTAL	55		
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	
_____		_____	