

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/3/5

PERFORM COMPUTER REPAIR AND MAINTENANCE

July/August 2024



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

PRACTICAL ASSESSMENT GUIDE

TIME: 3 HOURS

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

This paper consists FIVE (5) printed pages.

**Assessor should check the guide to ascertain that all pages are printed as
indicated and that no questions or answers are missing.**

OBSERVATION CHECKLIST

Candidate's name			
Candidate's Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency	Perform Computer Repair and Maintenance		
Venue of Assessment			
Date of assessment			
<i>(Indicate the marks available and marks obtained respectively. Award marks 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: 1. Disassembled the computer unit provided and <i>(Award marks for each of the tasks as correctly indicated in (i) to (xi) below</i>			
i. Powered off the computer	1		
ii. Correctly disassembled the peripherals	2		
iii. Correctly opened the system case	1		
iv. Unmount the RAM	2		
v. Unmount the HDD	2		
vi. Disassemble the PSU	2		
vii. Disassemble the CD/DVD drive	2		

viii. Disassemble the fan	2		
ix. Disassemble the heat sink	2		
x. Unmount the CPU	2		
xi. Disassemble the motherboard	2		
Sub total	16		
<u>Task 2:</u>			
a) blew the computer to remove dust using the blower <i>(Award 3 marks for correctly performing the task)</i>	3		
b) cleaned the motherboard using the quick dry cleaner <i>(Award 2 marks for correctly completing the task)</i>	2		
c) cleaned the fan to remove dust <i>(Award 2 marks for correctly completing the task)</i>	2		
d) applied thermo paste to the CPU <i>(Award 2 marks for correctly completing the task)</i>	2		
e) cleaned the system casing using the cleaning form <i>(Award 2 marks for correctly completing the task)</i>	2		
f) cleaned the keyboard by blowing and cleaning form <i>(Award 2 marks for correctly completing the task)</i>	1		
g) cleaned the screen <i>(Award 2 marks for correctly completing the task)</i>	1		
Sub total	14		
<u>Task 3:</u>			
I. Assembled the computer unit disassembled and. <i>(Award 1 mark for each step 1×10)</i>			

i. Selected appropriate tools	1		
ii. Assembled the motherboard	1		
iii. Assembled the heat sink and fan	1		
iv. Assembled the PSU	1		
v. installed the HDD	1		
vi. fixed the RAM	1		
vii. Fixed the CD/DVD drive	1		
viii. closed the system casing	1		
ix. connected the cables	1		
x. powered it ON correctly	1		
Subtotal	10		
Task 4: Checked the following computer specification a) System model b) Firmware c) Processor speed d) Hard disk space e) RAM <i>(Award 2 marks for 5 tasks correctly indicated in the computer specification)</i>	2 2 2 2 2		
Sub total	10		
GRAND TOTAL(S)	50		
ASSESSMENT OUTCOME			

The candidate was found to be: ☐ Competent ☐ Not yet competent <i>(Please tick as appropriate)</i> <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:	
Assessor's signature:	Date:	

THIS IS THE LAST PRINTED PAGE.