

061006T4ICT

ICT TECHNICIAN LEVEL6

IT/OS/ICT/CR/6/6

PERFORM COMPUTER REPAIR AND MAINTENANCE

July/August 2024



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

PRACTICAL ASSESSMENT

TIME: 3 HOURS

ASSESSOR'S GUIDE

ASSESSOR INSTRUCTIONS

1. You are required to mark the practical as the candidate performs the tasks.
2. You are required to take video clips at critical points.
3. Ensure the candidate has a nametag and registration code at the back and front.

This guide consists of SIX (6) printed pages.

Assessor should check the guide to ascertain that all the pages are printed as indicated.

OBSERVATION CHECKLIST

Candidate's Name			
Candidates Registration No.			
Assessor's Name			
Assessor's Reg. code			
Unit(s) of Competency	Perform Computer Repair and Maintenance		
Venue of Assessment			
Date of assessment			
<i>(Award marks appropriately as guided for in the items for evaluation indicated. Give a brief comment where necessary)</i>			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
Task 1			
a) Wore Personal Protective Equipment	2		
b) Applied good housekeeping practice			
• Ensured clean working area before beginning working.	1		
• Proper Waste disposal	1		
c) Identified tools and equipment			
• Screwdriver	1		
• CMOS Battery	1		
• Anti-static wrist band	1		
• Computer	1		
• Live USB/CD containing data recovery software	1		
• Data recovery software	1		
Sub total	10		
TASK 2			
• Power off and unplug the computer.	1		
• Remove screws securing the side panel(s).	1		

<ul style="list-style-type: none"> • Slide or lift off the side panel(s). • Identify the CMOS battery slot on the motherboard. • Install the CMOS battery into the slot firmly. <p><u>CMOS battery detected.</u></p> <ul style="list-style-type: none"> • Power on the computer. • Check device manager or system information for the battery detection. 	<p>1</p> <p>1</p> <p>5</p> <p>1</p> <p>2</p>		
Sub total	12		
Task 3			
<p>a). Creating a folder named backup</p> <ul style="list-style-type: none"> • Right-click on the desktop. • Select "New" from the dropdown menu. • Choose "Folder" to create a new folder. • Rename the folder to "backup". <p style="text-align: center;"><i>(Award 4 or 0)</i></p>	4		
<p>b). Remove the computer's hard drive using anti-static bags</p> <ul style="list-style-type: none"> • Power off the computer completely. • Disconnect all cables and peripherals. • Use appropriate tools to open the computer case. • Locate the hard drive inside the computer. • Handle the hard drive carefully and place it in an anti-static bag. <p style="text-align: center;"><i>(Award 5 or 0)</i></p>	5		
<p>c). Backing up files</p> <ul style="list-style-type: none"> • Connect the hard drive to the secondary computer • Open File Explorer or Finder on the secondary computer. • Navigate to the hard drive and locate important files. • Copy the important files to the "backup" folder on the desktop <p style="text-align: center;"><i>(Award 2 or 0 for each)</i></p>	<p>2</p> <p>2</p> <p>2</p> <p>2</p>		

<p>d. Eject the Hard Drive</p> <ul style="list-style-type: none"> • Close all open files and applications that are using the hard drive. • Eject the hard drive safely from the secondary computer. • Disconnect the hard drive from the secondary computer. • Reconnect the hard drive to the original computer. 	<p>2 1 2 2</p>		
<p>e. Verify that the restored files are accessible and intact.</p> <ul style="list-style-type: none"> • Once the recovery process is complete, navigate to the "backup" folder where the files were restored. • Open a few restored files to ensure they can be accessed. • Check the integrity of the files to ensure they are intact and not corrupted. 	<p>1 1 1</p>		
Sub- total	28		
GRAND TOTAL	50		

ASSESSMENT OUTCOMES		
The candidate was found to be: (Please tick (√) as appropriate)		
Competent <input style="margin-left: 20px;" type="checkbox"/>	Not yet competent <input style="margin-left: 20px;" type="checkbox"/>	
<i>(The candidate is competent if the candidate scores 50% and above)</i>		
Feedback from candidate:		
Feedback to candidate:		
Candidate's signature:	Date:	
Assessor's signature:	Date:	

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