

061205T4CYB

CYBER SECURITY TECHNICIAN LEVEL 5

SEC/OS/CR/01/5/A

PERFORM COMPUTER REPAIR AND MAINTENANCE

Nov. / Dec. 2023



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

Time: 3 HOURS

ASSESSOR'S GUIDE PRACTICAL ASSESSMENT

INSTRUCTIONS TO THE ASSESSOR

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 name tag and registration code at the back and front.
4. Candidates to use 15 minutes to read the instructions on the tasks

OBSERVATION CHECKLIST

Candidate's name & Registration No.			
Assessor's name & Reg. code			
Unit(s) of Competency	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 allocated	Marks obtained	Comments
TASK ONE			
<i>Adhered to prescribed Safety standards</i> i. <i>Wore Protective dust coat – Award 1 mark</i> ii. <i>Wore safety Boots – Award 1 mark</i> iii. <i>Checked for loose fitting clothes –Award 1 mark</i> 1. Connected the computer inputs and output devices using the right procedure i. Keyboard <i>(Award 1 mark)</i> ii. Mouse <i>(Award 1 mark)</i> iii. Power Cables <i>(Award 1 mark)</i> iv. VGA/HDMI Cables <i>(Award 1 mark)</i> v. Monitor <i>(Award 1 mark)</i> vi. UPS <i>(Award 1 mark)</i>	9		
2. Boot the computer to test functionality following the right procedure, <i>(Award 1 Mark)</i>	1		
3. Troubleshoot the computer to identify the faulty component. i. Identify faulty component- Power supply unit <i>(Award 3 marks)</i>	6		

ii. Test the faulty component (<i>Award 3 marks</i>)			
4. Detaching the power supply unit from the CPU <i>Award</i> <i>1 Mark for removing side cover</i> <i>1 Mark for unplugging connectors</i> <i>1 Mark for Unscrewing the unit from the frame</i>	3		
5. Re-assemble and troubleshoot the computer to ascertain its functionality while replacing the power supply unit. i. Replace the power supply unit. ii. Attaching computer peripherals. iii. Turning on the computer to test the functionality of the install power supply unit. (<i>Award 2 Marks for each correct step</i>)	6		
TOTAL	25		
TASK TWO			
1. Performed operating system installation on the computer i. Inserting CD having Operating system software correctly in CD drive. (<i>Award 2 marks</i>) ii. Powering on the computer while Pressing f12 to enter the boot options. (<i>Award 2 marks</i>) iii. Saving the changes and exiting the menu. (<i>Award 2 marks</i>) iv. Restarting the computer. (<i>Award 1 mark</i>) v. Booting from the location selected. (<i>Award 2 marks</i>) vi. Completing installation of operating system correctly. (<i>Award 3 marks</i>)	12		

2. Created a user account using your first name as user name and last name as password respectively (<i>Award 2 marks</i>)	2		
3. Performing system setting vii. Time (Award 1 mark) viii. Region (Award 1 mark) ix. User account creation (Award 1 mark) x. Password (Award 1 mark) xi. Language (Award 1 mark)	5		
4. Performing disk management on the computer i. Portioning the disk to two (<i>Award 2 marks</i>) ii. Renaming the disks (<i>Award 2 marks</i>)	4		
5. Shutting down the computer following the right procedure	2		
TOTAL	25		
TOTAL	50		
ASSESSMENT OUTCOMES			
The candidate was found to be:			
Competent	<input type="checkbox"/>	Not yet competent	<input type="checkbox"/>
<i>(Please tick as appropriate) (The candidate is competent if s/he gets 50% or higher)</i>			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:	Date:		
Assessor's signature:	Date:		