

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/4/6

PERFORM ICT SYSTEM SUPPORT

NOV/DEC 2023



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

ASSESSOR'S PRACTICAL GUIDE

TIME: 3 Hours

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.

OBSERVATION CHECKLIST

Candidate's name			
Candidate's Registration No			
Assessor's name & Reg. code			
Unit(s) of Competency	PERFORM ICT SYSTEM SUPPORT		
Venue of Assessment			
Date of assessment			
(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)			
Items to be evaluated:	Marks allocated	Marks obtained	Comments
Task 1			
a) Identified and categorized the given components i) Input (Monitor, keyboard, mouse) ii) Output (printer, monitor) iii) System unit (hard disk) iv) Connectors (Power, VGA, Ethernet) v) tools <i>(Award 1 mark or zero as indicated=5 Marks)</i>	1 1 1 1 1		
b) Assembled the computer system correctly using the parts provided and started it up using the correct procedure. i) monitor connected ii) memory mounted iii) hard disk mounted and connected iv) cable connected	2 2 2 2		

v) internet connected (Award 2 Marks or zero as indicated=10 Marks)	2		
TOTAL	15 MARKS		
Task 2			
a) Identified the faulty components and labeled them appropriately i) faulty RAM ii) cables iii) hard disk (Award 1 mark for each or zero =3) iv) label them (Award 2 Marks or zero=2 Marks)	1 1 1 2		
b) Run the following network commands: i) Ipconfig for all information ii) Tracert for <u>www.google.com</u> iii) Netstat for getting ip addresses only (Award 2 Marks for each or zero = 6 Marks)	2 2 2		
c) Downloaded known network monitoring tool from trusted source and installed it properly. (Award 5 marks or zero=0)	5		
d) Run disk check option, monitored health status of hard drive and noted results. i) run a disk check option	2 2		

ii) Monitored the health status of your hard drive and noted down. <i>(Award 2 Marks for each or zero=4 Marks)</i>			
TOTAL	20 MARKS		
Task 3			
a) Monitored and noted the following system performance parameters: i) CPU and ii) Memory <i>(Award 2 marks for each or zero=4 Marks)</i>	2 2		
b) Identified i) open processes and ii) background process <i>(Award 2 marks for each or zero=4 Marks)</i>	2 2		
c) Monitored and noted following system performance parameters: CPU DHCP service PiD number <i>(Award 4 marks for each or zero=4 Marks)</i>	4		
d) Connected the printer using the Ethernet cable <i>(Award 2 Marks or zero=4 Marks)</i>	2		

e) Printed summary report on the tasks noted down (Award 1 mark or zero =1 Marks)	1		
SUB TOTAL	15 MARKS		
TOTAL	50		
ASSESSMENT OUTCOMES			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if s/he gets 50% or higher)</i></p>			
Feedback from candidate:			
Feedback to candidate:			
Candidate's signature:		Date:	
Assessor's signature:		Date:	