

**061306T4CSC**

**COMPUTER SCIENCE LEVEL 6**

**ICT/OS/CS/CR/01/6/A**

**UNDERSTAND COMPUTER ORGANISATION AND ARCHITECTURE**

**NOV/DEC 2023**



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

**PRACTICAL ASSESMENT**

**INSTRUCTIONS TO THE ASSESSOR**

1. You are required to mark the practical as the candidate performs the task.
2. You are required to collect evidence i.e. video clips, photos at critical points.
3. Ensure that the candidate has a name tag and a registration code at the back and front.
4. Allocate **10** minutes for the candidate to read through the instructions and check availability of resources for the practical.
5. Allocate **2** hour for the candidate to perform the **two** tasks.
6. Candidate to perform the tasks as per the requirements given.
7. Task 1, Task 2 and Task 3 carry **20, 20** and **10** Marks respectively.

## OBSERVATION CHECKLIST

| Candidate's name                                                                                                                                                                                                                                                                                                                                                                      |                 |                |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|----------|
| Candidate's Registration No.                                                                                                                                                                                                                                                                                                                                                          |                 |                |          |
| Assessor's name                                                                                                                                                                                                                                                                                                                                                                       |                 |                |          |
| Unit(s) of Competency                                                                                                                                                                                                                                                                                                                                                                 |                 |                |          |
| 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 |
| <b>Task 1</b> Computer Disassembly and Assembly                                                                                                                                                                                                                                                                                                                                       |                 |                |          |
| 1. Observed safety precautions<br>- Use of tools<br>- Handling components<br><i>(Award 1 mark for each or zero)</i>                                                                                                                                                                                                                                                                   | 2               |                |          |
| 2. Disassembled the computer<br>(i) Removed CMOS battery<br>(ii) Removed RAM (Random Access Memory)<br>(iii) Removed Cooling fans<br>(iv) Removed CPU (Central Processing Unit)<br>heat sink and fan<br>(v) Removed Expansion cards (Specifically,<br>Sound Cards)<br>(vi) Removed Power supply unit<br>(vii) Removed HDD (Hard Disk Drive)<br><i>(Award 1 mark for each or zero)</i> | 7               |                |          |
| 3. Assembled the computer<br>(i) Installed CMOS battery<br>(ii) Installed RAM (Random Access Memory)                                                                                                                                                                                                                                                                                  | 7               |                |          |