

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/CS/ICT/6/6

PERFORM COMPUTER REPAIR AND MAINTENANCE

NOV/DEC 2023



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

PRACTICAL ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

1. In this practical, you will diagnose and resolve common hardware and software issues in a computer system and perform routine maintenance.
2. The task carries 100 marks.
3. You are given **10 minutes** to read through the tasks and confirm the availability of the resources
4. The assessor will record your performance at critical points using audio-visual means

TASK 1

1. You are required to perform the following tasks

- i. Perform Hardware Inspection.
- ii. Perform backup and Recovery
- iii. Perform Cleaning and dust removal
- iv. Perform Thermal Paste Replacement
- v. Perform Software Troubleshooting
- vi. Perform Hard Drive Maintenance
- vii. Reset RAM modules and expansion cards
- viii. Check Power Supply
- ix. Carry cable Management
- x. Perform final test
- xi. Carry out Documentation

2. You have been provided with the following resources

- i. Computer with loose hard disk connection
- ii. Note book and pen
- iii. Isopropyl alcohol
- iv. Lint-Free cloth
- v. Screwdriver
- vi. Thermal paste
- vii. Compressed air
- viii. Straps

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