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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