

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/2/5

Install Computer Software

March/April 2026



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

WRITTEN ASSESSMENT

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATE

1. The paper consists of **TWO** sections: **A** and **B**.
2. Answer **ALL** questions in section A and **ANY THREE** (3) questions in section B.
3. Marks for each question are indicated in the brackets.
4. Candidates are provided with a separate answer booklet
5. Do not write on this question paper.

This paper consists of THREE (3) printed pages

Candidate should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A (40 MARKS)

Answer ALL questions in this section.

1. Define Information and Communication Technology (ICT) as used in computer systems. (2 Marks)
2. A technician acquired software for the institution. Identify TWO types of software acquisition methods the technician could have used. (2 Marks)
3. Describe the importance of backing up existing data before installing new software. (2 Marks)
4. Given a computer with 4 GB RAM and 500 GB storage, select suitable word processing software installation and state one reason for the choice. (4 Marks)
5. Differentiate between licensed software and open-source software in relation to acquisition and use. (4 Marks)
6. Software testing is performed after software installation is complete. Explain the importance of software testing. (2 Marks)
7. Outline **FOUR** functions of vendor agreement before software acquisition. (4 Marks)
8. As a computer user, identify FOUR factors that can prompt one to change the password of a computer. (4 Marks)
9. Backing data is critical before performing the software installation. Explain TWO ways of backing up data. (4 Marks)
10. System requirements are one of the considerations when installing software. Explain the reason why it is important. (2 Marks)
11. A system developer intends to register her software. Outline TWO reasons why she needs to register the software. (2 Marks)
12. A student tested the software he installed. Outline FOUR techniques of software testing the student could have used. (4 Marks)
13. Differentiate between diagnosis and troubleshooting. (4 Marks)

SECTION B (60 MARKS)

Answer any other **THREE (3)** questions

14.

- a) While installing software it is important to implement data security controls. Discuss FIVE types of data security controls. (10 Marks)
- b) A technician performed maintenance to the institute's computers during scheduled times. Explain THREE types of maintenance he could have performed. (6 Marks)
- c) Distinguish between Command line and Menu driven operating system interfaces (4 Marks)

15.

- a) A school principal has approached you as an expert to help in installing a management information system on the school's administration computer. Discuss FIVE types of installation you may decide to employ. (10 Marks)
- b) Data protection plays a critical role during software installation process. Describe FIVE reasons why data protection is carried out. (10 Marks)

16.

- a) An ICT Technician acquired an operating system to be installed in the computer lab computers. Describe FOUR types of operating systems he could have acquired. (8 Marks)
- b) A computer user requires an interface to be able to interact with a computer. Explain FOUR types of user interfaces. (8 Marks)
- c) Software piracy is a major challenge in our society today. Outline **FOUR** challenges brought by this piracy. (4 Marks)

17.

- a) Configuration management is carried out to control the activities performed on the hardware and software. Describe FIVE reasons for software configuration management. (10 Marks)
- b) Software documentations provide details about given software. Describe FIVE types of computer software documentation. (10 Marks)