

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/2/5

INSTALL COMPUTER SOFTWARE

July/August 2024



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

WRITTEN ASSESSMENT

TIME: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. This paper consists of two sections; **A** and **B**
2. Answer **ALL** the question as guided in each section
3. Marks for each question are as indicated in the brackets
4. You are provided with a separate answer booklet to answer the questions
5. Do not write in this question paper

This paper consists of THREE (3) printed pages

**Candidates 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. Computer software is divided into different classifications. State THREE classification computer software. (3 Marks)
2. Mary bought a new PC which was installed with an operating system; she was required to install some other software. Name FOUR software she could likely install. (4 Marks)
3. During software installation it is important to backup existing data. State FOUR benefits of backing up data. (4 Marks)
4. An ICT Technician has been contracted to configure software and hardware in some newly acquired computing devices.
 - a. Differentiate between software configuration and hardware configuration. (2 Marks)
 - b. State FOUR basic software configuration components. (4 Marks)
5. Every computer software requires some level of configuration. State FOUR benefits of software configuration. (4 Marks)
6. There are different ways of testing computer software after installation to ensure its working as expected. State FOUR types of functional testing in computer software installation. (4 Marks)
7. Anne acquired software for use. State THREE software acquisition methods she could have used. (3 Marks)
8. All computing device require an operating system to function. Identify FOUR types of Operating Systems used in computers. (4 Marks)
9. An ICT Technician has been tasked to identify the best operating system to be used by the company. Name FOUR factors that the Technician will consider when choosing the Operating System. (4 Marks)
10. Karanja was in an interview room and was asked to give types of software installation. State FOUR types Karanja could have mentioned. (4 Marks)

SECTION B (60 MARKS)

Answer Any Three Questions in This Section

11.

- a. While installing software it is important to implement data security controls. Discuss FIVE different types of data security controls. (10 Marks)
- b. A Technician performed maintenance during software installation. Explain THREE types of maintenance. (6 Marks)
- c. Distinguish between Command line and Menu driven operating system interfaces (4 Marks)

12.

- a. A student intends to install software in a computer system. Outline FOUR sources of software installation. (4 Marks)
- b. An ICT technician is developing an installation checklist. Explain THREE elements contained in this software installation checklist. (6 Marks)
- c. Hellen installed an operating system in her computer. Discuss FIVE functions of the Operating System (OS) (10 Marks)

13.

- a. The user of newly installed software intends to be trained on how the system works. Discuss FIVE key steps to a successful training implementation. (10 Marks)
- b. Linnet a software engineer was given a task of training the software users of BLISMA Company on the workability of the newly implemented software system. Explain FIVE training delivery methods she could use. (10 Marks)

14.

- a. A test report is a document which contains a summary of all test activities. Explain FIVE fields contained in a test report. (10 Marks)
- b. Software vendor signed an agreement with a client after a software purchase. Describe THREE reasons why it is important to have a vendor agreement during software purchase. (6 Marks)
- c. Backing up is a crucial activity in the system lifecycle. As an ICT technician explain TWO local backup tools that can be used for backing up data. (4 Marks)

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