

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/02/6

Install Computer Software

Nov/Dec 2024



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

WRITTEN ASSESSMENT

Time: 3 HOURS

INSTRUCTIONS TO CANDIDATE

1. Marks for each question are indicated in the brackets.
2. The paper consists of **TWO** sections: **A** and **B**.
3. Candidates are provided with a separate answer booklet
4. **DO NOT** write on this question paper.

This paper consists of FOUR (4) 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 the questions in this section.

1. Software testing is done to ensure that the software meets user's requirements. Differentiate between Gray box testing and Agile testing. (4marks)
2. During software installation, one should select the file where the software will be installed. Highlight ONE significance of selecting the installation directory. (2 marks)
3. Legal framework has been established in most ICT related activities. State THREE reasons for software installation legal requirements. (3marks)
4. . Name FOUR benefits of software documentation. (4marks)
5. Security measures have been put in place to curb fake links and download from the internet. Highlight TWO roles of digital signatures and certificates in ensuring the authenticity of downloaded software during installation. (2marks)
6. Otieno's computer software is not functioning appropriately after installation. List FOUR benefits that he will be achieved by carrying out the software maintenance. (4marks)
7. Software piracy is a major challenge in our society today. Identifies FOUR ways in which it can be minimized. (4marks)
8. Kwale Technology Company intends to install software in the computers. Explain any TWO types of software licenses that it will consider. (4marks)
9. Different experts perform various roles in software development and management. Outline THREE roles of a software configuration manager. (3marks)
10. Munene was required to choose software installation file during an ICT practical lesson. Identify FOUR factors he could have considered. (4marks)
11. Reports are generated during program testing. State TWO importance of such report to software engineers. (2 marks)
12. Backing up data is critical before performing software installation. Explain any FOUR methods of backup. (4 marks)

SECTION B (60 MARKS)

Answer Any THREE Questions in This Section

13.
 - a) Operating system is the most fundamental software in a computer. Explain THREE functions of the operating system software. (6 marks)

- b) Maintenance of computer system is crucial for its optimum. Explain THREE types of software maintenance (6 marks)
- c) Wanjala had recently purchased a new laptop for his business. Discuss FOUR computer requirement he could consider while install the Point Of Sale (POE) software. (8 marks)

14.

- a) The Principal of Rhamu TVC has approached you as an expert in ICT to help in installing a management information system. Explain FIVE types of installation you could employ. (10 marks)
- b) During system development, software engineers prepare various documents. Describe FIVE categories of software documentation. (10 marks)

15.

- a) Mr. Kalulu operates a computer bureau which specializes in preparing customer curriculum vitae, developing business cards and printing annual reports for the organization. Discuss FOUR types of application software that he should install in his computers. (8 marks)
- b) A computer technician intent to acquire software for his cybercafé. Explain FOUR qualities of a good software requirement specification that he will consider before purchasing the software. (8 marks)
- c) Software configuration is done during installation. As an ICT expert, state FOUR basic requirements for software configuration management. (4 marks)

16.

- a) User training plays an important role in software installation. Explain FIVE key elements to consider when developing an end user training plan. (10 marks)
- b) Legal contract is drawn to protect the interest of parties in a business agreement. Describe THREE elements of user vender agreement. (6 marks)
- c) Telco computing company was offering training to its employee. Mention any FOUR activities performed in during user training. (4 Marks)