061004T4ICT

ICT TECHNICIAN LEVEL 4

IT/OS/ICTA/CR/02/4/A

INSTALL COMPUTER SOFTWARE

NOV/DEC 2023

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

WRITTEN ASSESSMENT

Time: 2 Hours

INSTRUCTIONS TO CANDIDATES

1. This paper has TWO sections A and B Attempt questions in each section as per instructions given in the section.
2. You are provided with a separate answer booklet.
3. Marks for each question are indicated in the brackets.
4. Do not write on the question paper

This paper consists of 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: 10 MARKS

Answer ALL questions in this section.

Each question carries ONE Mark.

1. A set of programs that consist of a full set of documentation is termed as
   A. Database packages
   B. File packages
   C. Bus packages
   D. Software packages

2. The two major categories of software include
   A. Antivirus and utility
   B. Personal productivity and system
   C. System and utility
   D. System and application

3. A program that infects other programs by modifying them is known as
   A. Search Engine
   B. Antivirus
   C. Virus
   D. Cyber Crime

4. Which of the following is not related to software testing
   A. Failure
   B. Error
   C. Test case
   D. Test bot

5. Software for organizing storage and retrieval of information is a _____
   A. Data warehouse
   B. Database program
   C. Database
   D. Operating system

6. What is a Functional Requirement?
   A. specifies the tasks the program must complete
   B. specifies the tasks the program should not complete

C. specifies the tasks the program must not work

D. specifies the tasks the program is working on

7. Which of the following controls the manner of interaction between the user and the operating system?

A. Screensaver

B. Platform

C. Language Translator

D. User interface

8. Statistical analysis packages have much in common with

A. Presentation packages

B. Spreadsheet packages

C. Design packages

D. Paint packages

9. ____ is known as the translator for low-level programming language.

A. Compiler

B. Linker

C. Loader

D. Assembler

10. After choosing a suitable partition for the installation of windows what else should follow?

A. Delete that partition

B. Select that partition and press the next button

C. Press control + Alt + Delete

D. Switch off the power supply

SECTION B: 40 MARKS

Answer ALL questions

11.

    a) To guarantee a successful installation, there are essential prerequisites that must be met before installing software. List any FOUR.   (4 Marks)

    b) Explain any THREE functions of an operating system   (6 Marks)

12.

    a) Define the term software testing.   (2 Marks)

    b) Explain the following as used in software installation.   (4 Marks)

        i. Debugging

        ii. Installer

    c) What distinctions exist between *automated* and *manual testing*?   (4 Marks)

13.

    a) There are several aspects to consider while acquiring software. List any TWO aspects that should be taken into account while purchasing software.   (2 Marks)

    b) To maintain software quality once it has been deployed, developers must constantly adapt it to meet new customer requirements and handle problems customers identify. How long a product lasts on the market depends on developers' ability to keep up with these maintenance requirements. Explain any FOUR types of changes developers can make when performing maintenance.   (8 Marks)

14.

    a) What is training software?   (2 Marks)

    b) Training of the end users is one of the most important steps for a successful system implementation in any organization which intends to adopt a new system. Discuss FOUR methods that can be used to train users of a new system.   (8 Marks)

THIS IS THE LAST PRINTED PAGE.