

061005T4ICT

ICT TECHNICIAN LEVEL 5

IT/OS/ICT/CR/5/5

DEVELOP COMPUTER PROGRAM

NOV/DEC 2023



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

WRITTEN ASSESSMENT

Time: 3 Hours

INSTRUCTIONS TO CANDIDATE

1. This paper has THREE sections A, B and C. 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 7 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: 20 MARKS

Answer ALL questions in this section.

Each question carries one Mark.

1. Define the term computer program as used in program development.
 - A. is a computer video file that demonstrates how to properly use the computer.
 - B. is a computer binary file that protects the computer from cyber criminals.
 - C. is a set of instructions that represents a logical solution to a problem.
 - D. is a set of instructions that explains how to repair and maintain a computer.
2. refers to the program code that is in machine-readable (binary) form.
 - A. Computer program.
 - B. Source program.
 - C. Television program.
 - D. Object program.
3. Which is a function of the Linker, during the compilation process in programming?
 - A. links and merges various executable files to make a source file.
 - B. loads executable files into memory and executes them.
 - C. links and merges various object files to make an executable file.
 - D. loads non-executable files into memory and executes them.
4. is a set of steps that are followed to develop a program in any programming language.
 - A. Program steps and phases development.
 - B. Program phases and steps development.
 - C. Program life cycle development.
 - D. Program development life cycle.
5. Using a pen and paper to test the working of a program during program development is known as
 - A. Dry run.
 - B. Pen paper testing.
 - C. Dry testing.
 - D. Pen paper run.