

061306T4CPM

COMPUTER PROGRAMMING LEVEL 6

IT/OS/CP/CR/03/6/A

DEMONSTRATE PROGRAMMING CONCEPTS

NOV /DEC 2023



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

PRACTICAL ASSESSMENT

Time: 2 ½ Hours

INSTRUCTIONS TO THE CANDIDATE

1. You are required to perform the following two tasks
 - a. **TASK 1:** Install and configure the C# environment
 - b. **TASK 2:** Create a simple to-do list program using C#
2. You have **Ten** minutes to read through the instructions and check availability of resources for the practical.
3. Each task has specific instructions.
4. All tasks carry **75** marks.
5. The assessor will record your performance at critical points using audio-visual means.

You will be provided with the following resources

- i. Working Computer
- ii. C# Integrated Development Environment (IDE) setup

Task 1

(11 Marks)

Install and configure the C# environment

Task 2

(64 Marks)

James, a dean at Kabete National Polytechnic has requested you to design for him a simple program that would help him to schedule his daily activities. The program should allow the user to add tasks, mark tasks as completed and view their to-do lists.

- i. Using a C# program installed in task 1 implement the logic and enter at least three records.
- ii. Create a folder on the desktop named CDACC
- iii. Screenshot the program outputs for the three records and save them on the folder created.
- iv. Follow all the Coding Standards & Best Practices.

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