

**061006T4ICT**

**ICT TECHNICIAN LEVEL 6**

**IT/OS/ICT/CR/11/6**

**DEVELOP MOBILE APPLICATION**

**July/August 2024**



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

**PRACTICAL ASSESSMENT**

**TIME: 3 HOURS**

**INSTRUCTIONS TO CANDIDATE**

1. You are given **10 minutes** to read through the tasks and confirm the availability of all the resources.
2. The assessor will record your performance at critical points using audio-visual
3. ALL tasks carry 50 marks
4. Attempt **ALL** Tasks

**This paper consists of TWO printed pages.**

**Candidate should check the question paper to ascertain that  
all the pages are printed as indicated and that no questions are missing**

**You are provided with the following resources to carry out the tasks:**

1. A working computer running 64-bit of Microsoft Windows (8, 10 or later versions).
2. Installed with appropriate Integrated Development Environment (IDE), preferably Android Studio, which includes Android SDK and Android Emulator.
3. Internet Access.

**TASK 1 (37 MARKS)**

- a. Create a simple mobile application called “MY PHONE”,
- b. The application should prompt the user to enter two integers A + B and perform the following;  
A + B=  
A - B=  
A / B=  
A X B=  
c. Check the final design appearance for the labels.

**TASK 2 (13 MARKS)**

- a. Create AVD to test the mobile application.
- b. Debug the created code to check for errors.
- c. Launch the emulator and run the application.
- d. Input the customer’s name, address, telephone, Date of birth and town of your choice.
- e. Submit the inputs to obtain the correct output.

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