# 061006T4ICT

# ICT TECHNICIAN LEVEL 6

# IT/OS/ICT/CR/10/6 DEVELOP COMPUTER PROGRAM

# MAY 2025



**ASSESSORS PRACTICAL GUIDE**

**TIME: 3 Hours**

# INSTRUCTIONS TO THE ASSESSOR

1. Candidate to perform the tasks as per the requirements of given.

**Task 1** carries **25** Marks and **Task 2** carries **25** Marks.

1. You are required to mark the practical as the candidate performs the tasks.

# OBSERVATION CHECKLIST

|  |  |  |  |
| --- | --- | --- | --- |
| **Candidate’s Name** |  | | |
| **Candidate’s** |  | | |
| **Assessor’s Name** |  | | |
| **Assessor’s Registration Code** |  | | |
| **Unit(s) of competency** |  | | |
| **Venue of Assessment** |  | | |
| **Date of assessment** |  | | |
| **Items to be evaluated:** *Please award marks as appropriate. Give a brief comment on your observation.* | **Marks available** | **Marks**  **obtained** | **Comments** |
| **Task 1: Decision Control Structures in C** | | | |
| i) Program compiles without errors | 5 |  |  |
| ii) Input is taken correctly using scanf | 5 |  |  |
| iii) Uses correct if, else if, and else statements | 5 |  |  |
| iv) Logical conditions are correctly implemented | 5 |  |  |
| v) Outputs correct message according to speed entered | 4 |  |  |
| vi) Program is well-indented and readable | 1 |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Sub-total 1** | **25** |  |  |
| **Task 2: Create a program for a vending machine** | | | |
| i) Program compiles without any errors | 3 |  |  |
| ii) Takes user input for the drink choice using scanf | 3 |  |  |
| iii) Implements a switch statement correctly | 3 |  |  |
| iv) All four valid cases (1 to 4) are handled correctly | 4 |  |  |
| v) Default case is used to handle invalid selections | 3 |  |  |
| vi) Output is clearly understandable and matches the expected drink name | 3 |  |  |
| vii) Code is properly indented and readable | 3 |  |  |
| viii) Code is properly indented and readable | 3 |  |  |
| **Sub- total 2** | **25** |  |  |
| **Total marks** | **50** |  |  |
| **ASSESSMENT OUTCOME** | | | |
| **The candidate was found to be:**  Competent Not yet competent *(Please tick as appropriate)*    ***(The candidate is competent if s/he gets at least 50% and above)*** | | | |
| **Feedback from candidate:** | | | |
| **Feedback to candidate:** | | | |
| **Candidate’s Signature Date**  **------------------------------ -----------------------------** | | | |
| **Assessor’s/ verifier’s signature Date**  **------------------------------ -----------------------------** | | | |