

061005T4ICT

ICT Technician Level 5

IT/OS/ICT/CR/05/5/A

IT/OS/ICT/CR/05/5/B

Develop Computer Program

July /August 2025



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

OBSERVATION CHECKLIST

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

| | |
|-------------------------------------------------|--|
| Candidate's Name & Registration Code | |
| Assessors Name & Registration Code | |
| Venue of Assessment | |
| Date of Assessment | |

| Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i> | Marks Available | Marks Obtained | Comments |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------|-----------------|
| TASK I: Code in HTML | | | |
| Sub-Task 1. | | | |
| a) Created a web page as instructed b) Set the width as specified <i>(Award 1 mark for blank page and 2 marks for setting the width)</i> | 3 | | |
| c) Inserted the appropriate tile <i>(Award 1mark for correct task)</i> | 1 | | |
| d) Inserted the appropriate header <i>(Award 1mark for correct task)</i> | 1 | | |
| e) Inserted the appropriate sub- header <i>(Award 1mark for sub-header and 1 mark for correct formatting)</i> | 2 | | |
| f) Inserted hyperlinks horizontally <ol style="list-style-type: none"> i. Home ii. Activities iii. About. iv. Contact Us. <i>(Award 1mark for each hyperlink)</i> | 4 | | |
| g) Created the data entry form with following features. <ol style="list-style-type: none"> i. Title ii. Two Input box iii. Two Radio buttons of gender iv. Date selection box. v. Drop down list | 1 2 2 1 2 1 | | |

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--|--|
| <ul style="list-style-type: none"> vi. Description box vii. Submit and Reset buttons. <p><i>(Award marks as indicated for each task)</i></p> | 2 | | |
| <ul style="list-style-type: none"> h) Inserted footer section with the following features: <ul style="list-style-type: none"> i. Footer section ii. Footer title iii. Any two images/logos iv. Footer color(green) | 2 1 2 1 | | |
| Sub-Total | 28 | | |
| Sub-Task 2. Write html code | | | |
| <p>Developed a HTML code with the following features:</p> <ul style="list-style-type: none"> i. Html tags ii. Head section iii. Table tags iv. Bold tags v. Sub titles vi. Table border align=1 vii. Body tags viii. Align centre ix. Table row tags x. Table data tags <p><i>(Award 2 marks for each feature)</i></p> | 20 | | |
| Sub-Total | 20 | | |
| Sub-TASK 3: Link web pages | | | |
| <p>Linked the web pages.</p> <ul style="list-style-type: none"> i. Applied correct links on both web pages ii. Linked both web pages correctly via links <p><i>(Award 5 marks for each task)</i></p> | 10 | | |

| | | | |
|-------------------------------------------------------------|-----------|--|--|
| Sub-Total | 10 | | |
| TASK II: Design a tool | | | |
| Designed a tool | | | |
| a) Opened a word program | 1 | | |
| b) Used correct symbols in the flow chart | 6 | | |
| c) Saved the task correctly. | 1 | | |
| d) Printed the task. | 2 | | |
| <i>(Award marks as indicated for each task)</i> | | | |
| Sub-Total | 10 | | |
| TASK III: Code in C | | | |
| a) Developed the program | | | |
| • Applied the correct library | 1 | | |
| • Used the main function | 1 | | |
| • Declared the right variables with appropriate data types. | 3 | | |
| • Requested for data entry | 4 | | |
| • Implemented correct conditions | 8 | | |
| • Debugged errors in the program | 2 | | |
| • Executed the program successfully. | 2 | | |
| • Documented the program using appropriate comments | 2 | | |
| <i>(Award marks as indicated for each item)</i> | | | |
| Sub-Total III (a) | 25 | | |
| TASK III(b) | | | |
| b) Developed a program | | | |
| • Applied the correct library | 1 | | |
| • Used the main function | 1 | | |
| • Declared the right data structure. | 4 | | |

| | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------|--|
| <ul style="list-style-type: none"> • Declared appropriate field data types. • Requested for data entry • Debugged errors in the program • Executed the program successfully • Documented the program using comments <p><i>(Award marks as indicated for each item)</i></p> | <p>4</p> <p>4</p> <p>2</p> <p>2</p> <p>2</p> | | |
| Sub-Total III (b) | 20 | | |
| GRAND TOTAL | 103 | | |
| ASSESSMENT OUTCOME | | | |
| <p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p> | | | |
| Feedback from the Candidate: | | | |
| Feedback to the Candidate: | | | |
| Candidate Signature | | Date: | |
| _____ | | _____ | |

| | |
|-----------------------------|-------------|
| Assessor's Signature | Date |
| _____ | _____ |

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