

061006T4ICT

ICT TECHNICIAN LEVEL 6

IT/OS/ICT/CR/5/6

Perform Website Design

July/Aug 2024



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

PRACTICAL ASSESSMENT

Time: 4 HOURS

INSTRUCTIONS TO THE CANDIDATE

1. In this assessment, you will be required to perform a practical on Designing and Developing a Simple Business Website.:
2. You have **Ten** minutes to read through the instructions and check availability of resources for the practical.
3. You will be allocated **4 hours** to complete **ALL** the practical tasks.
4. Any problem should be reported to the invigilator immediately.
5. The assessor will record your performance at critical points using audio-visual means.

This paper consists of THREE 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

Equipment
<ul style="list-style-type: none">• Computer• Internet connectivity• IDEs for webpage development• Web browser

Task:

Design and develop a simple business website for a fictional company named "GreenTech Solutions." The website should have a homepage, an About page, and a services page

Requirements:

1. Homepage. **[20 Marks]**

i. HTML Structure:

a. Create a well-structured HTML document using semantic elements. Include sections for a header, navigation bar, main content area, and footer.

ii. Content:

b. Header: Company logo and navigation links (Home, About, Services).

c. Main content: A welcome message, a brief introduction to the company, and a call-to-action button.

d. Footer: Contact information and social media links.

iii. CSS Styling:

e. Style the homepage using CSS for layout and design.

f. Ensure the design is responsive and adapts well to different screen sizes.

2. About Page **[20 Marks]**

i. HTML Structure:

g. Create an HTML document for the about page.

h. Include sections for a header, navigation bar, main content area, and footer.

ii. Content:

i. Header: Company logo and navigation links (Home, About, Services).

j. Main content: A detailed description of the company, its history, mission, and vision.

- k. Footer: Contact information and social media links.
- iii. CSS Styling:
 - l. Style the about page using CSS to ensure visual consistency with the homepage.
 - m. Ensure the design is responsive and maintains a clean layout on various devices.

3. Services Page

[20 Marks]

- iii. HTML Structure:
 - n. Create an HTML document for the services page.
 - o. Include sections for a header, navigation bar, main content area, and footer.
- iv. Content:
 - p. Header: Company logo and navigation links (Home, About, Services).
 - q. Main content: A list of services offered by the company, each with a title, description, and icon/image.
 - r. Footer: Contact information and social media links.
- v. CSS Styling:
 - s. Style the services page using CSS to ensure it matches the overall design of the website.
 - t. Implement a grid or flexbox layout to organize the services neatly.
- vi. Basic Interactivity:
 - u. Add hover effects to the service items to enhance user interaction.

THIS IS THE LAST PRINTED PAGE.