



PAC INSTITUTE OF TECHNOLOGY AND SOCIAL STUDIES SEPTEMBER – DECEMBER 2024 ASSESSMENT

PRACTICAL ASSESSMENT

Qualification Code : 061306T4CSC

Qualification : Computer Science Level 6

Code : ICT/OS/CS/CR/10/6/A

Unit of Competency : Demonstrate web design Skills

INSTRUCTIONS TO THE CANDIDATE:

1. *Read all the instructions carefully before attempting the questions.*
2. *Marks for each question are indicated in brackets.*
3. *Write your responses in the Separate Answer booklet provided.*
4. *Do not write anything on this question paper.* In this assessment, you will be required to perform the following task
 - **TASK:** Develop a web application
5. The task has specific instructions.
6. The task carries 90 marks.
7. You have Ten minutes to carefully read through the instructions and check availability of resources for the practical.
8. The assessor will record your performance at critical points using audio-visual mean

You have been provided with the following resources

- i. A working computer with text editor
- ii. A web browser

TASK

In this practical, you are required to develop a simple image gallery web page using HTML and JavaScript. The gallery will allow users to click on thumbnail images to view them in a larger size as a modal popup.

You are required to perform the following tasks

- i. Set up the HTML Structure
- ii. Create a HTML document
- iii. Add HTML Content
- iv. Add attributes to HTML document
- v. Format a web page using CSS to change font and color. Link the CSS file to the HTML document.
- vi. Add JavaScript for Interactivity
- vii. Use JavaScript to change HTML elements
- viii. Demonstrate event handling in JQuery
- ix. Test Your Web Page using the following:
 - a) Manual functional Testing
 - b) Cross-browser Testing
 - c) Responsive Design Testing
 - d) Accessibility Testing
 - e) Performance Testing

THIS IS THE LAST PAGE.