

PAN AFRICA CHRISTIAN UNIVERSITY

BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY AND BACHELOR OF BUSINESS INFORMATION TECHNOLOGY

END OF SEMESTER EXAMINATION

DEPARTMENT: COMPUTING AND INFORMATION TECHNOLOGY

COURSE CODE: BCIT108/BIT309

**COURSE TITLE: INTRODUCTION TO WEB DESIGN / INTERNET
APPLICATION DEVELOPMENT**

CAMPUS: ROYSAMBU

EXAM DATE: TUESDAY, XXXXX/AUGUST,2025

TIME: 5:30PM-8:30PM

INSTRUCTIONS

- This exam script has **TWO (2)** sections.
- Read all questions carefully before attempting.
- Answer All questions in Section **A** and any other Three questions in Section **B**.
- Write only your **student number** on the answer booklet provided.

SECTION A

(Answer ALL questions in this section)

Question 1:

a) "HTML is a markup language". Justify this statement. **[2 Marks]**

b) Outline with clear examples ,HTML tags that can be used to display the following items on a webpage.

- i. An image
- ii. A link
- iii. A heading of a page
- iv. Paragraph

[4 Marks]

c) Write the HTML code to create the following list. **[2 Marks]**

HOT DRINKS

- Coffee
- Tea
 - Black Tea
 - Green Tea
- Milk

d) State the category of software required to perform each of the following in Internet Application Development.

i. Create a web page **[1 Mark]**

ii. Upload web document **[1 Mark]**

SECTION B

(Answer any THREE (3) questions in this section)

Question 2:

- a) Write an inline CSS that ensures all H1 headings have font color red, of size 30 point and Georgia **[4 Marks]**
- b) Write HTML code to produce the following list: **[6 Marks]**

- I. CHAPTER ONE
 - A. Introduction
 - B. Preliminary Investigation
 - C. Existing system
- II. CHAPTER TWO
 - System design
 - System coding
- III. CHAPTER THREE
 - Implementation
 - User training

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Question 3:

- a) A web developer would like a picture decoration.jpg to act as a background for the web page. Write code to achieve this. **[4 Marks]**
- b) Write HTML code to design the webpage shown below: **[6 Marks]**

Ricotta pancake ingredients:

- 1 $\frac{1}{2}$ $\frac{3}{4}$ cups ricotta
- $\frac{3}{4}$ cup milk
- 4 eggs
- 1 cup plain *white flour*
- 1 teaspoon **baking powder**
- 75_g 50_g butter
- **pinch of salt**

Question 4:

a) Write HTML code to demonstrate how to:

i. Leave space of 2 pixels between a table cell and its data contents. **[2 Marks]**

ii. Leave space of 2 pixels between a table cell and another. **[2 Marks]**

b) Write HTML code to generate the following table:

PAN AFRICA CHRISTIAN UNIVERSITY			
IT		COMPUTER	
BUSINESS		SOFTWARE	HARDWARE
THEOLOGY			

[6 Marks]

Question 5:

a) Identify the various parts of the following URL:

"https://www.pacuniversity.ac.ke/home."

[4 Marks]

b) Give the meaning of each line in CSS style below.

[6 Marks]

p {

background: #c2f670;

width: 500px;

height: 150px;

padding: 20px;

border: 2px solid gray;

margin: 20px;

}

Question 6:

a) Write a HTML code that will produce the form below.

[10 Marks]

Registration Details

University :

Institute :

Branch :

Degree : ☐ Pursuing ☐ Completed

Avarage CPI : Upto Th Semester

Experience : Years

Your Website Or Blog :

Step 2

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