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:	**WEDNESDAY, XXXXX/APRIL,2026**
TIME:	**11:00AM-2:00PM**

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.

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SECTION A

(Answer ALL questions in this section)

Question One (10 Marks) Compulsory

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]**

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SECTION B

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

Question Two (10 Marks)

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 Three (10 Marks)

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]**

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Ricotta pancake ingredients:

- 1 ½ ¾ cups ricotta
- ¾ cup milk
- 4 ~~eggs~~
- 1 cup plain *white flour*
- 1 teaspoon **baking** powder
- 75_g 50_g butter
- **pinch of salt**

Question Four (10 Marks)

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 Five (10 Marks)

a) Identify the various parts of the following URL:

"https:/www.pacuniversity.ac.ke/home." **[4 Marks]**

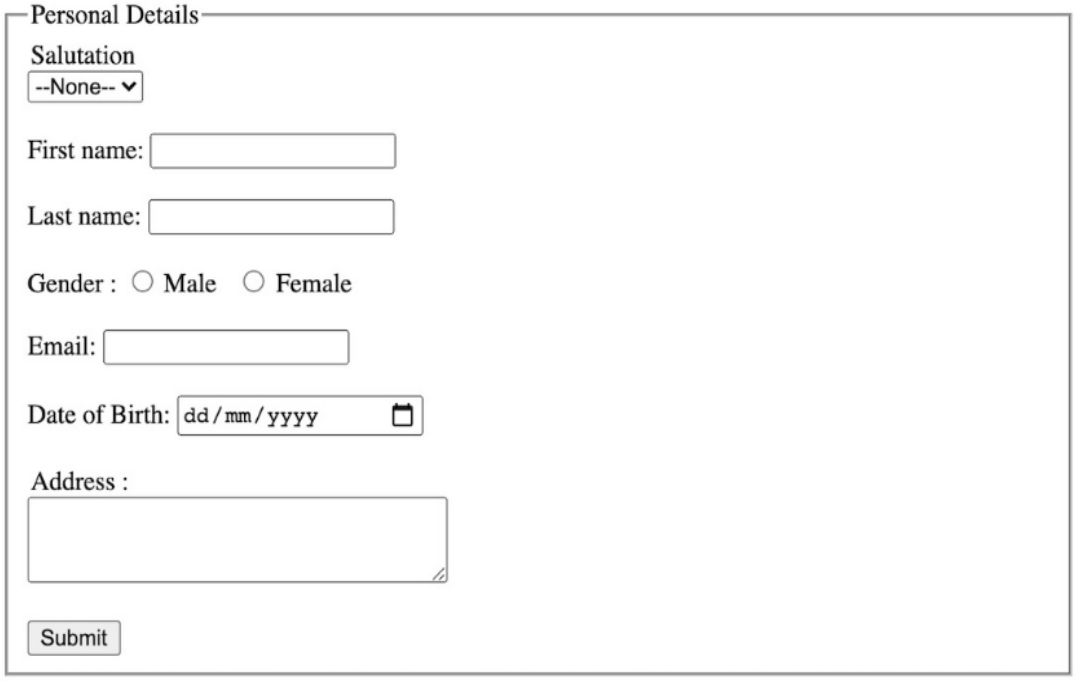
b) Give the meaning of each line in CSS style below. **[6 Marks]**

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```
p {
        background: #c2f670;
        width: 500px;
         height: 150px;
         padding: 20px;
        border: 2px solid gray;
        margin: 20px;
        }
```

Question Six (10 Marks)

a) Write a HTML code that will produce the form below. **[10 Marks]**



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