

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: XXXXX XXXXX/JULY,2022

TIME: XXXXX

INSTRUCTIONS

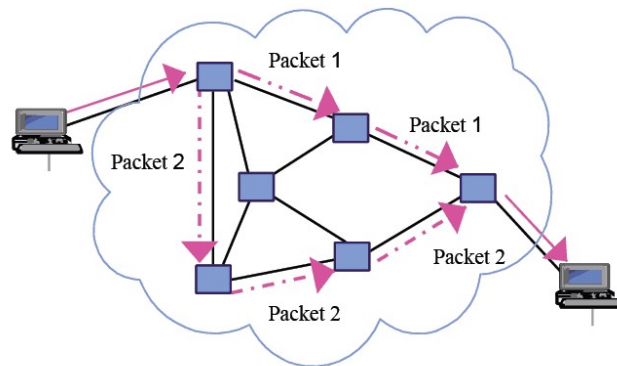
- This exam script has **TWO (2)** sections.
- Read all questions carefully before attempting.
- Answer All questions in Section **A** and any other Three questions in Section **B**.
- Write only your **student number** on the answer booklet provided.

SECTION A

(Answer ALL questions in this section)

Question 1:

a) Study the figure below and answer the questions:



i. identify the type of switching technique employed in the above data communication.

[1 Mark]

ii. State the function(s) of the above switching technique.

[1 Mark]

b) Write a code to perform the following function in HTML coding.

[3 Marks]

i. Inserting an image

ii. Inserting horizontal line

iii. Alternating Scrolling text on the screen

c) Write the HTML code to create the following list.

[2 Marks]

LIST OF FRUITS

I. Mangoes

II. Oranges

III. Pawpaw

IV. Bananas

d) Name the correct property for controlling the following in Cascading Style Sheet. (CSS).

[3 Marks]

- i. The image scroll in the background.
- ii. The image position in the background.
- iii. the image repetition of the background.

SECTION B

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

Question 2:

- a) Describe the effects of applying this file in any html page.

[4 Marks]

```
<style>
    .example {
        font-family: Helvetica, Arial, sans-serif;
        font-size: 4vw;
    }
</style>
<p class="example">Some random text to demonstrate the effect.</p>
```

- b) Given the URL below;

↓ ↓ ↓ ↓
src="images/home_button.jpg"

- i. Identify the parts labeled 1 to 4.
- ii. State the importance of using the part labeled (i) above.

[4 Marks]

[2 Marks]

Question 3:

- a) Explain the purpose of the following HTML tag and attribute:

`<a href="URL">`

[3 Marks]

- b) Write HTML code to create the webpage shown below:

[7 Marks]

PAN AFRICA CHRISTIAN UNIVERSITY EXAMINATIONS PAPER



Curriculum Vitae

Personal Details

Surname:Njoroge

Date of birth:13/12/2014

Marital status:Single

Gender:Female

Hobbies

- Swimming
- visiting friends
- Reading

Question 4:

Write HTML tags and attributes that will display the following timetable.

[10 Marks]

Time Table					
Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project
	Social	History	English	Social	

Question 5:

a) Write HTML and CSS code to produce the following list:

[10 Marks]

Aircraft Types

- I. General Aviation (piston-driven engines)
 - A. Single-Engine Aircraft
 - 1. Tail wheel
 - 2. Tricycle
 - B. Dual-Engine Aircraft
 - 1. Wing-mounted engines
 - 2. Push-pull fuselage-mounted engine
- II. Commercial Aviation (jet engines)
 - A. Dual-Engine
 - 1. Wing-mounted engines
 - 2. Fuselage-mounted engines
 - B. Tri-Engine

Question 6:

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

[10 Marks]

Personal Details

Salutation

--None--

First name:

Last name:

Gender :

☐ Male

☐ Female

Email:

Date of Birth:

dd/mm/yyyy

Address :

Submit

EOF