

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/AUGUST, 2024

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.

SECTION A

(Answer ALL questions in this section)

Question 1:

a) "HTML is not classified as a programming language." Justify this statement.

[2

Marks]

b) Jane included the following HTML statement on a web page he developed.

``

Outline the function of each of the following in the statement:

- | | | |
|------|--------------------------|-----------|
| i. | img src | [1 |
| | Mark] | |
| ii. | img_girl.jpg | [1 |
| | Mark] | |
| iii. | width=500 and height=600 | [1 |
| | Mark] | |

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

[2

Marks]

LIST OF COUNTIES

VI. Kiambu

VII. Nakuru

VIII. Mombasa

IX. Nairobi

d) Write a CSS code that applies the following formatting on a web page. **[3**

Marks]

background color=red, font size =17 all text centre aligned.

SECTION B

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

Question 2:

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

[3]

Marks]

- i. Inserting horizontal line
- ii. Display a heading of a page
- iii. Inserting a link

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

[3]

Marks]

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

c) Identify the various parts of the following URL:

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

[4]

Marks]

Question 3:

a) Use example(s), to demonstrate the following:

[6]

Marks]

- i. Inline CSS
- ii. Internal CSS
- iii. External CSS

b) Write the HTML code that produces the output below;

[4]

Marks]



HTML!

Welcome

The tags are here somewhere.

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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) State the type of domain presented by the following extensions:

[4

Marks]

- i) .gov
- ii) .mil
- iii) .com
- iv) .org

b) Write HTML code to produce the following listed outline of topics:
Marks]

[6

- I. CHAPTER ONE
 - A. Introduction
 - B. Preliminary Investigation
 - C. Existing system
 - II. CHAPTER TWO
 - System design
 - System coding
 - III. CHAPTER THREE
 - Implementation
 - User training
- Disclaimer:
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not allowed

Question 6:

Write a HTML code that will produce the form below.
Marks]

[10

Student Information

First Name: Middle Name: Last Name:

Email Address: Phone Number:

Course taken

Gender

☒ Male
☐ Female
☐ Other

Choose the units taken this semester

☒ Web Development I ☒ Object oriented Programming ☐ Programming Desktop App

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