

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: BSIT108/BIT309

COURSE TITLE: INTRODUCTION TO WEB DESIGN / INTERNET
APPLICATION DEVELOPMENT

CAMPUS: ROYSAMBU

EXAM DATE: MONDAY, 7TH APRIL, 2025

TIME: 8:00AM-11:00AM

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) A lecturer in XYZ university prefers students to develop website by writing HTML codes from scratch instead of using code generated applications. Outline two possible reasons for this.

[2 Marks]

b) Write a code to perform the following function in HTML coding. **[3**

Marks]

- i. Add the background colour #AAAAEE
- ii. Display a heading of a page
- iii. Inserting a link

c) Write the HTML code to create the following list. **[3**

Marks]

HOT DRINKS

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

d) As a website designer, you are required to write a small HTML program that will display a picture saved in drive D, inside a folder named pictures and the picture name is 'football'.

[2 Marks]

SECTION B

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

Question 2:

a) ABC College management has been advised to have a website. Outline four ways that the college may use the website. **[4**

Marks]

b) Write HTML code to produce the following listed outline of topics: **[6**
Marks]

Question 3:

a) Mary, a web designer, would like to include images on a website she is creating.

- i. List three types of images file formats that she is likely to use. **[3**

Marks]

- ii. Outline three factors that she would consider when placing images on the webpage. **[3**

Marks]

b) The following are links in a website. Use it to answer the questions that follow:

www.animal/categories.html

www.animals/parks.html

Write a HTML code that would be used to display the content of the links on a frame having two rows of heights 60% and 40% respectively when run on a browser.

[4

Marks]

Question 4:

a) 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]

- iii. View a web document **[1**

Mark]

b) The table below shows details displayed on a web browser

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EXAMINATIONS PAPER**



TABLE TITLE		
Heading1	Heading2	Heading3
100	200	300
	400	500
600		

The following are the HTML table attributes used:

- i. Borders of 4 pixels width.
- ii. Height and width covering 100% of the screen
- iii. All cells with numeric values have colour whose code value is #FF00FF.

Write the HTML code that would display the above table when run on the web browser.

[7]

Marks]

Question 5:

a) Giving examples, explain the following CSS selectors.

[4]

Marks]

- i. Class selector
- ii. ID selector

b) Study the file below saved with the name Myfirststyle.css.

Body {background-color: tan}

h1 {color:maroon; font-size:20pt}

hr {color:navy}

p {font-size:11pt; margin-left: 15px}

a:link {color:green}

a:visited {color:yellow}

a:hover {color:black}

a:active {color:blue}

i. Using a html statement explain how it can be called in any html page. **[2**

Marks]

ii. Describe the effects of applying this file in any html page. **[4**

Marks]

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