



PAN AFRICA CHRISTIAN UNIVERSITY

(DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY)

END OF TERM EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: DICT 0132

CAMPUS: ROYSAMBU

COURSE TITLE: INTERNET APPLICATIONS & WEB DESIGN

EXAM DATE: TEUSDAY, (13TH APRIL 2021)

TIME: START HOUR – END 08:00-11 :00 HRS

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**.
- None programmable calculators permitted
- Calculators on phones, tablets and computers are NOT permitted in Theory Papers

SECTION A

(Answer ALL questions in this section)

SECTION A (10 Marks)

- a. John a web developer intends to create a student registration form. Illustrate to him a scenario where it's appropriate to use the following when designing the form
- i. Radio buttons
 - ii. Check boxes
- (4 Marks)**
- b. When Designing HTML web pages CSS is a key integration to style the pages. Discuss the various ways we can use CSS to style the web pages **(6 Marks)**

SECTION B

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

Question 2:

Write an HTML code that will display the following form when run on the browser

(10 Marks)

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First name

Last name

COURSE

☐ ICT

☐ MEC

GAMES

☐ Football

☐ Netball

Comment

Question 3:

a. Below is an HTML code snippet.

```
<h2>Football is a very interesting sport</h2>
```

Rewrite the code styling it as follows

(4 Marks)

background color – red
font – Aerial
bold
color - #FF5733

b. Explain the effects of each of the following HTML tags in a website **(6 Marks)**

```
<!--...-->
```

```
<div>
```

```
<hr>
```

Question 4:

The following is a table to be displayed in a web page

(10 Marks)

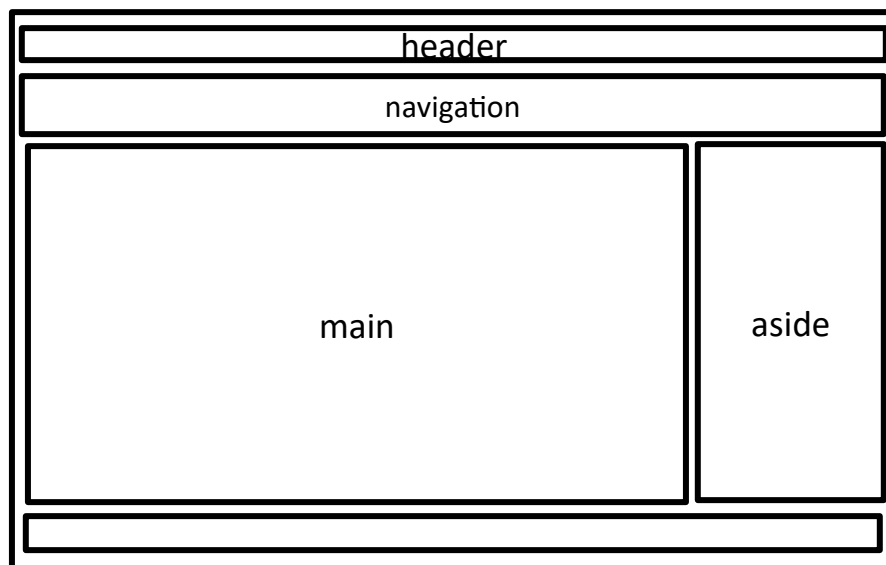
Column A	Column B
Data 1	Data 2
Data 3	

Write an HTML code to display the table with the following attributes:

- The table to occupy 50% of the browser window
- To have a caption with the title TABLE TITLE at the top of the table
- First row to be table heading
- Second row to have a green background color
- The cells in third row to be merged and the contents aligned at the center

Question 5:

The diagram below shows a web page divided into various sections. Using the <div> tag write the HTML code that would display the web page as it appears **(10 Marks)**



Question 6:

The following are units offered at PAC University

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A. SEMESTER ONE

- i. English
- ii. Mathematics

B. SEMESTER TWO

- Web Design
- Computer Applications
- Internet and Data communication

C. SEMESTER THREE

Quantitative Techniques

ALL UNITS ARE MANDATORY

Write an HTML code that would display this information as it appears in a browser **(10 Marks)**

THE END