



PAN AFRICA CHRISTIAN UNIVERSITY

(CERTIFICATE IN INFORMATION COMMUNICATION TECHNOLOGY)

END OF TERM EXAMINATION

DEPARTMENT: COMPUTING & INFORMATION TECHNOLOGY

COURSE CODE: CICT 0115

CAMPUS: ROYSAMBU

COURSE TITLE: INTRODUCTION TO WEB DEVELOPMENT/ INTERNET APPLICATION AND WEB DESIGN

EXAM DATE: WEDNESDAY, DATE (DDTH MONTH YEAR)

TIME: START HOUR – END 02:00-05 :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)

Question 1:

a) The following table was created using HTML

Describe the attributes that have been used to modify the table so as to appear as shown below **(2 Marks)**

b) Discuss the circumstances under which each of the following text input controls would be used in HTML forms **(4 Marks)**

- i. Password input
- ii. Multiline text input

c) Write a HTML code that will style the below code to font Aerial, color green, italic and font size 20px **(4 Marks)**

`<h3>This is my Car</h3>`

SECTION B

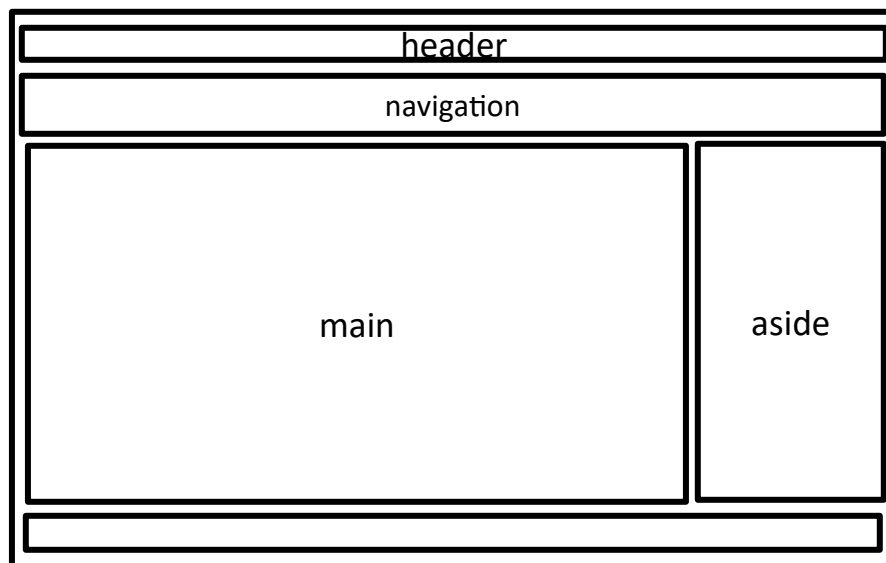
(Answer any THREE (3) questions in this section)

Questions 2:

- a) John is a student at PAC university and approaches you for advice on the web editor to use for his web programming class. Discuss some of the considerations he should take into account for the web editor **(5 Marks)**
- b) The choice of color is an important aspect in website development process. Discuss **(5 Marks)**

Question 3:

Using the div tag write an HTML code that will display the web page with sections as illustrated in the diagram below **(10 Marks)**



Question 4:

- a. The following is a HTML statement. Use it to answer the questions that follow.

Describe the function of each of the following attributes

(4marks)

- i. Alt
- ii. Scr

- b. Hamisi works at Fadhili corporations as a web developer and would like to develop a website for the corporation. Discuss factors that he may consider when choosing the appropriate programming language to use. **(6 Marks)**

Question 5:

- a. Differentiate between client-side programming and server-side programming **(4 Marks)**
- b. Write an external CSS style sheet that would do the following changes to an HTML web page **(6 Marks)**
- i. Change body color to gray
 - ii. Change the Heading 2 to blue
 - iii. Change the paragraph font to Sans Serif, color to "#333333", font-size to 10 pixels

Question 6:

The figure shows an HTML form. Write an HTML code that would display the form

(10 Marks)

PAN AFRICA CHRISTIAN UNIVERSITY EXAMINATIONS PAPER



Name

Phone

Email

Which taxi do you require?

- Car
- Van
- Tuk Tuk

Extras

- Baby Seat
- Wheelchair Access
- Stock Tip

Submit Booking

THE END