"Investing in Africa's Future"

COLLEGE OF BUSINESS, PEACE, LEADERSHIP AND GOVERNANCE

NCIS403: WEB APPLICATION DEVELOPMENT

END OF SECOND SEMESTER EXAMINATIONS

APRIL 2022

LECTURER: MR A.C MUZENDA

DURATION: 3 HOURS

INSTRUCTIONS

Answer all Questions in Section A and **any three questions from Section B**

Total possible mark is 100

Start **each** question on a new page in your answer Booklet.

The marks allocated to **each** question are shown at the end of the section.

SECTION A: Answer All Questions

QUESTION 1

a. Outline any five (5) characteristics of scripting languages. [5]

b. Provide any five (5) benefits of web hosting. [5]

c.

1. `<html>`
2. `<head>`
3. `<title>My first web page </title>`
4. `</head>`
5. `<body><center>`
6. `<imgsrc="hfma.jpg" width ="133" height ="10" border ="10>`
7. `<h1> Welcome to the BRMA symposium 2021!" </h1>`
8. `<p> Training for today and tomorrow!`
9. `<ur>`
10. `<P><a href="form 1.html"> Click here for online registration form </a>`
11. `</center></body>`
12. `</html>`

Briefly explain what happens to the line number:

i.   1
ii.   2
iii.   3
iv.   6
v.   10 [10]

d. Using examples, explain the following as used in JavaScript.

i.   getDate ()
ii.   ceil ()
iii.   round ()
iv.   substr ()
v.   trim () [10]

e. Write a e PHP script to display string, values within a table. [10]

Note: Use HTML table elements into echo.

Expected Output:

Salary of Mr. A is	1000$
Salary of Mr. B is	1200$
Salary of Mr. C is	1400$

SECTION B

Answer any three questions

QUESTION 2

There are four ways to associate styles with your HTML document. List and explain how you can use them. [20]

QUESTION 3

a. Describe specific areas that W3C is addressing for the web today. [10]

b. Explain any 5 desirable qualities of a good website [10]

QUESTION 4

Write a HTML code to generate following output. Design an html form to take the information of a customer visiting a departmental store such as name, contact phone no , preferred days of purchasing , favorite item (to be selected from a list of items), suggestions etc. One should provide button to Submit as well as Reset the form contents.

[20]

QUESTION 5

a. Discuss the importance of a front end framework with which you are familiar in developing web applications. [15]

b. Briefly describe four major uses of JavaScript on the client side. [5]

THE END