

PAN AFRICA CHRISTIAN UNIVERSITY

DIPLOMA IN INFORMATION AND COMMUNICATION TECHNOLOGY

END OF SEMESTER EXAMINATION

DEPARTMENT: COMPUTING AND INFORMATION TECHNOLOGY

COURSE CODE: DICT0121

COURSE TITLE: INTRODUCTION TO WEB DESIGN

CAMPUS: ROYSAMBU

EXAM DATE: THURSDAY, XXXXX/DECEMBER, 2024

TIME: 5:30PM-8:30PM

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 a markup language". Justify this statement. **[2 Marks]**
- b) Write HTML tags that will make and output the following:
- i. The largest level of heading **[1 Mark]**
 - ii. Inserting horizontal line **[1 Mark]**
- c) Identify three parts of the following URL: "https://www.PACUniversity.ac.ke/home." **[3 Marks]**
- d) Write a CSS code that applies the following formatting on a web page **[3 Marks]**
Change case, background color=red, font size =17 all text centre aligned.

SECTION B

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

Question 2:

- a) A company's management appointed a committee to evaluate the content to be placed in their website. Explain two qualities of the content that the committee should consider. **[4 Marks]**
- b) Study the HTML statement below and use it to answer the questions that follow.

** The main section **

- i. Outline the use of the tag <a> in the statement. **[2 Marks]**
- ii. Explain two attributes that can be added to the tag. **[4 Marks]**

Question 3:

a) Anita would like to include images on a webpage. Describe two types of image files that she is likely to use. **[4 Marks]**

b) Write HTML code that would insert an image named *mountain.jpg* into a webpage. The image has *mountain view* as its alternative name, a width of 304px and a height of 228px. **[4 Marks]**

c) The following is a statement used in a JavaScript code:

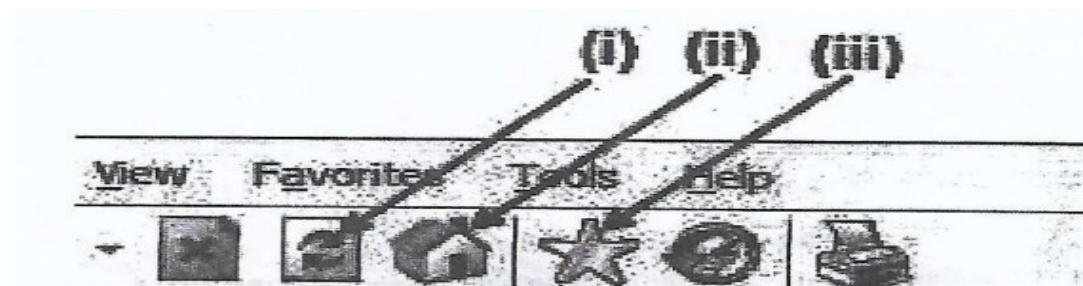
```
<script language= "javascript" type="text/javascript">
```

Explain the function of the attributes associated with the tag.

[2 Marks]

Question 4:

a) Outline the function of each of the following features labelled (i), (ii) and (iii) on a web browser window below. **[3 Marks]**



b) Write HTML tags that will display the following table.

[7 Marks]

Weather Station

Station	Temperature		Humidity	Weather
	Max	Min		
USA	24	19	60%	cloudy
Germany	5	-1	70%	Rainy

Question 5:

Write HTML and CSS code to produce the following list:

[10 Marks]

- a. Animals
 - Mammals
 - a. Lion
 - b. Elephant
 - c. Whale
 - Reptiles
 - Snake
 - Turtle
 - Crocodile
- b. Plants
 - Flowering
 - a. Rose
 - b. Tulip
 - c. Sunflower
 - Non-flowering
 - Fern
 - Moss
 - Algae

Question 6:

a) Alex has been tasked to design a website for an organization and would like to include *text input* controls on the forms. State three controls that he is likely to consider.

[3 Marks]

**PAN AFRICA CHRISTIAN UNIVERSITY
EXAMINATIONS PAPER**



b) Write a HTML code that will produce the form below.

[7 Marks]

Course taken

Certificate in IT ▼

Gender

- ☒ Male
☐ Female
☐ Other

Choose the units taken this semester

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

Submit

Reset

EOF