



PAN AFRICA CHRISTIAN UNIVERSITY

SCHOOL OF LEADERSHIP, BUSINESS AND TECHNOLOGY

**END OF SEMESTER EXAMINATION FOR CERTIFICATE IN
INFORMATION & COMMUNICATION TECHNOLOGY**

MAY - JULY 2022

DEPARTMENT:	COMPUTING & INFORMATION TECHNOLOGY
COURSE CODE:	CICT0115
CAMPUS:	ROYSAMBU
COURSE TITLE:	INTRODUCTION TO INTERNET APPLICATIONS & WEB DEVELOPMENT
EXAM DATE:	TH JULY 2022
TIME:	08.00AM - 11.00AM
DURATION:	3 HOURS

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**.

SECTION A: (Answer ALL questions in this section)

Question 1:

- a) Explain the meaning of the attributes used in the snippet shown:
 [2 Marks].
- b) Identify TWO internet components you would require to access PAC University Student Portal. [2 Marks].
- c) Explain the purpose of each of the following HTML tags and attributes:
- i) <h6></h6> [2 Marks].
 - ii) [2 Marks].
 - iii)
 [2 Marks].

SECTION B

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

Question 2:

- a) Given the URL below:
https://itax.kra.go.ke/KRA-Portal/login.html
Identify the:
- i) file name
 - ii) protocol [2 Marks]

- b) Write HTML code that will output the following as is:

What is Lorem Ipsum?

Lorem Ipsum is simply *dummy* text of the printing and typesetting industry. Lorem Ipsum has been the industry's 2nd standard dummy text ever since the 1500s, **break**

when an unknown printer took a galley of type and scrambled it to make a type specimen book.

- 1. Lorem
- 2. Ipsum
- 3. Dummy
- 4. Text

[8 Marks]

Question 3:

Write HTML code to output the user account form below. [10 Marks]

CREATE YOUR ACCOUNT
This is step 1

Email

Password

Confirm Password

Next

Question 4:

a) Outline three advantages of using the internet.

[3 Marks]

b) Write HTML code to output the form below.

[7 Marks]

Select Gender:

- ☒ Male
- ☐ Female
- ☐ Other

Question 5:

a) Differentiate frontend programming from backend programming with examples. **[4 Marks]**

b) Write HTML code to output the following list.

[6 Marks]

Counting in Other Languages

- Spanish
 - 1. uno
 - 2. dos
 - 3. tres
- Japanese
 - 1. ichi
 - 2. ni
 - 3. san

Question 6:

a) State three attributes that can be used with <TABLE> tag.

[3 Marks]

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

[7 Marks]

No.	Full Name	Position	Salary
1	Bill Gates	Founder Microsoft	\$1000
2	Steve Jobs	Founder Apple	\$1200
3	Larry Page	Founder Google	\$1100
4	Mark Zuckerberg	Founder Facebook	\$1300

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