



Kasarani Campus
Off Thika Road
Tel. 2042692 / 3
P. O. Box 49274, 00100
NAIROBI
Westlands Campus
Pamstech House
Woodvale Grove
Tel. 4442212
Fax: 4444175

KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2022/2023 ACADEMIC YEAR
SECOND YEAR, SECOND SEMESTER EXAMINATION
FOR THE BACHELOR OF SCIENCE IN COMPUTER SCIENCE

KCS 209 - INTERNET APPLICATION PROGRAMMING

Date: 8th December 2022
Time: 11:30am – 1:30pm

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Write a JavaScript code embedded on to an HTML code that displays the statement “This is my Final Internet Application Exam” when run via a web browser. (6 Marks)
- b) List and explain three benefits of the internet technology to an organization (6 Marks)
- c) Using an example, describe the four components of a URL. (4 Marks)
- d) Study the following HTML code and then sketch the output when the code is run via a web browser (6 Marks)

```
<HTML>
<HEAD><TITLE>KCS 209 Exam</TITLE></HEAD>
<FRAMESET ROWS="20%,20">
<FRAMESET COLS="30%,40%,30%">
<FRAME SRC="HOMEPAGE.HTML">
<FRAME SRC="COURSES.HTML">
<FRAME SRC="REGISTRATION.HTML">
</FRAMESET>
<FRAME SRC="BLOG.HTML">
</FRAMESET>
</HTML>
```

- e) Explain the Use Of Img Element ? (2 Marks)
- f) Define the term CSS explaining any two ways it can be included in HTML (6 Marks)
- g) Define the term cell padding (2 Marks)

QUESTION TWO (20 MARKS)

- a) Describe how the internet works with the help of a well labeled diagram (6 Marks)
- b) What is the difference between GET and POST methods? (4 Marks)
- c) With the aid of a code example, explain the core syntax of CSS (8 Marks)
- d) What is the use of Internal Hyperlink? (2 Marks)

QUESTION THREE (20 MARKS)

- a) Write a JavaScript code embedded in a HTML document to display a pop-up message saying “Hi there, I am fine” when a user clicks on a button named “Click me” (8 Marks)
- b) Write down the code that will produce the following Registration form

Firstname

Middlename :

Lastname:

Course :

Gender :

☐ Male

☐ Female

☐ Other

Phone : +91

Address

Email:

Password:

Re-type password:

(12 Marks)

QUESTION FOUR (20 MARKS)

- a) What is the difference between static and dynamic HTML? (4 Marks)
- b) List three image formats supported in web pages (4 Marks)
- c) Write the HTML code that generates a form to input student registration number, name, admission date, course and radio buttons to select gender. (8Marks)
- d) State any four attributes associated with tables. (4 Marks)

QUESTION FIVE (20 MARKS)

- a) Illustrate using code how to use Line Break and Horizontal Line tags in HTML? (4 Marks)
- b) Explain the function of *alt* and *src* as used in the following HTML statement (4 Marks)
- c) Write a CSS and HTML code to display the table below (6 Marks)

<u>Fill In The Registration Form</u>		
<u>Details of Different Education Periods</u>		
Educational Background:	1940-1948	Nairobi school
	1949-1953	State house girls
	1956-1962	Kenyatta University

- d) Using an example, explain the deference between any two types of lists used in html (6 Marks)