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KIRIRI WOMEN'S UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION, 2023/2024 ACADEMIC YEAR
FOR THE CERTIFICATE IN INFORMATION TECHNOLOGY
CIT 1011 – BASICS OF WEB DESIGN

Date: 5TH December 2023
Time: 11:30AM – 1:30PM

INSTRUCTIONS TO CANDIDATES

ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS

QUESTION ONE (30 MARKS)

- a) Lists are applied to groups of text and individual formatting tags within them. HTML lists allow web developers to group a set of related items in lists. Highlight and describe the various tags used to create lists (6 Marks)
- b) Just as you can create table with rows and columns in various text applications, you can also create tables in HTML using the tags and its attributes. Explain the tags used in creating HTML tables (5 Marks)
- c) By use of examples, differentiate between container tags and empty tags (4 Marks)
- d) Describe four main methods of applying style sheets to a HTML document (4 Marks)
- e) Write a simple HTML syntax (6 Marks)
- f) Discuss the advantages of using CSS in creating a web page (5 Marks)

QUESTION TWO (20 MARKS)

- a) Explain the different ways that web graphics can be obtained to be used in HTML codes (10 Marks)
- b) Links are created in HTML using the anchor <A> tag. Discuss the various ways you can use to create the links used on web pages (10 Marks)

QUESTION THREE: (20 MARKS)

- a) Write HTML codes that allow you to include the following image in a web page
 (10 Marks)
- b) Write HTML codes that displays the following lists on a browser (10 Marks)

List of beauty products:

1. Lipstick
2. Braids
3. Eyeliner
4. Hair food
5. Lotion

QUESTION FOUR (20 MARKS)

- a) List and explain the various attributes used to display the <input> element in HTML forms (10 Marks)
- b) Write HTML codes that will display the following in a browser: (10 Marks)

Choose your favorite Web language:

- HTML**
- CSS**
- JavaScript**

QUESTION FIVE (20 MARKS)

- a) Identify the most preferred ways to include JavaScript in HTML file (8 Marks)
- b) Discuss the different types of cookies (4 Marks)
- c) By use of a diagram, explain the layers of open standard interconnection (OSI) model (8 Marks)