

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS
FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN
COMPUTER SCIENCE
COSC 00131: INTRODUCTION TO WEB DESIGN

STREAMS: CERT. COMP SCI Y1S1
CAMPUSES: MAIN & EMBU CAMPUSES

TIME: 2 HOURS

DAY/DATE MAR.....

INSTRUCTIONS:

- Answer question **ONE** and any other **TWO** questions in section B
- Do not write anything on the question paper
- This is a **closed book exam**, no reference materials are allowed in the examination room
- There will be **NO** use of mobile phones or any other unauthorized materials
- Write your answers legibly and use your time wisely.

SECTION A (Answer ALL Questions)

Question One (30 Marks)

- a) Define the following terms as used in web design
- i. Website (2 Marks)
 - ii. Web Server (2 Marks)
 - iii. Protocols (2 Marks)
 - iv. Http (2 Marks)
- b) Write down a HTML structure with a break line and a heading 6 (6 Marks)
- c) LIST any TWO web servers. (2 Marks)
- d) Show the words “FIRST SEMESTER” using JavaScript code in a HTML page (5 Marks)
- e) LIST three ways we can include CSS in HTML (3 Marks)

- f) LIST any THREE Content Management Systems (3 Marks)
- g) Using and example explain the word HTML element (3 Marks)

SECTION B (ANSWER ANY TWO)

Question Two (20 Marks)

- a) ILLUSTRATE an internal CSS within a HTML page with an id called pages and color purple. (10 Marks)
- b) STATE and EXPLAIN five Internet protocols (10 Marks)

Question Three (20 Marks)

- a) Alice wants to edit a photo and use it on her travel blog. While giving a brief description of each, suggest to her SIX applications she can use for editing her photo. (12 Marks)
- b) Draw a HTML table with two rows and two columns (8 Marks)

Question Four (20 Marks)

- a) While Explaining what XHTML is, give the general overview of the markup language to date. (10 Marks)
- b) STATE and EXPLAIN five benefits of XML in modern day web design. (10 Marks)

Question Five (20 Marks)

- a) Bob is your friend and he is interested in learning web design. Explain to him how he would go about designing his first web page. (8 Marks)
- b) LIST and EXPLAIN any THREE of each of the following as used in modern day web design.
 - i. Image types. (6 Marks)
 - ii. Video types. (6 Marks)

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