

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 Y152

TIME: 2 HOURS

DAY/DATE: TUESDAY 6 /07/ 2021

8.30 AM – 10.30 AM

INSTRUCTIONS:

- Answer question **ONE** and **TWO** other questions
- 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.
- Marks are awarded for clear and concise answers.

SECTION A (Answer ALL questions in this section)

QUESTION ONE (30 Marks)

- a) State and explain what each of the following acronyms stand for: (6marks).
- I. HTML (2 marks).
 - II. HTTP (2 marks).
 - III. CSS (2 marks).
- b) List THREE ways we can include CSS in HTML (3 marks).
- c) Briefly discuss the usage and differences of the <p>and
 tags of html (2 marks).
- d) HTTP is a stateless protocol. Write the initial in full. (1 mark)
- e) Giving a html example for each differentiate between ordered and unordered lists

(4marks).

- f) Discuss four advantages of using css in a web application development. (4 marks)
- g) Write html code that displays the text “Hello World” on a web page (5 marks)
- h) With appropriate examples, explain three ways in which cascading style sheets can be included in an html page. (5 marks)

SECTION B (Answer any TWO questions)

QUESTION TWO (20 Marks)

- a) Discuss the use of each the following tags used in web design. (10marks):
 - I. <TABLE>
 - II. <i>
 - III. <P>
 - IV. <FORM>
 - V. <BORDER>.
- b) Discuss Basic structure of html code (4 marks).
- c) **WAMP, LAMP** and **XAMPP** are all tools that can be used by a web designer and developer. Giving their full meanings discuss each of the three tools. (6 marks)

QUESTION THREE (20 Marks)

- a) Discuss each of the following html tags (5 marks)
 - i.
 - ii.

 - iii. <hr>
 - iv. <Marquee></Marquee>.
 - v.
- b) Write html codes that creates form interface below. (10 marks)

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 FEMALE

- c) State and explain the advantages of using Dreamweaver in developing websites.

(5 marks)

QUESTION FOUR (20 Marks)

- a) Write and explain the basic structure of HTML web page (5marks)
- b) In order to use a style sheet with your HTML5 document, you need to tell your document where to locate the style definitions. State and explain three ways to define styles (8 marks).
- c) Write HTML code to produce the following (7marks).

UEFA FIXTURES		
SATURDAY	4.00-7.00 P.M.	Arsenal VS Barcelona
	9.00-12.00 P.M	PSG VS Manchester United

QUESTION FIVE (20 Marks)

- a) A website requires a web form (contact us form) that users can fill to contact the web designer/ organization. The web form requires users to fill in the following details: Name, Email Address, Phone Number, Country and Comments. Design this web form using html (10marks)
- b) Write down a HTML structure with a paragraph and a heading (5 Marks)
- c) Illustrate a CSS class called my page with color red and font lucida (5 Marks]

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