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 Y1S2   **TIME: 2 HOURS**

DAY/DATE:……………………   **……………………….**

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 <br/> 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 inc luded 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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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 mypage with color red and font lucida (5 Marks]