CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FIRST YEAR EXAMINATION FOR THE AWARD OF CERTIFICATE IN

COMPUTER SCIENCE

COSC 00131: INTRODUCTION TO WEB DESIGN

STREAMS: TIME: 2 HOURS

DAY/DATE: THURSDAY 14/12/2017 11.30 A.M – 1.30 P.M

INSTRUCTIONS:

Answer question one and any other two from section B

Do not write on this paper

SECTION A {compulsory}

QUESTION ONE (30MKS).

- a) State and explain what each of the following acronyms stand for:
 - (6marks).

- i. HTML
- ii. HTTP
- iii. CSS
- b) Explain the role of <!doctype html> in an HTML document (3 marks).
- c) Briefly discuss the usage and differences of the and
br/> tags of html (2 marks).
- d) Outline the main rules of well-formed HTML documents (2marks).
- e) Giving a html example for each differentiate between ordered and unordered lists . (4marks).
- f) Explain why the tag is used in html

(2 marks).

i. What is the loopback address?

(2marks)

ii. Give two ways of accessing the loopback address. Identify a situation as a web designer and developer when the loopback address is of importance to your work.

(3 marks).

g) 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)

SECTION B

QUESTION TWO(20MKS)

- a) Discuss the use of each the following as used in web design. (10marks):
 - i. <TABLE>
 - ii. <TD>
 - iii. <TR>
 - iv. <CAPTION>
 - v. <BORDER>.
- b) Discuss the roles of the <head></head> tag of html

(3marks).

c) Write HTML code to produce the following

(7marks).

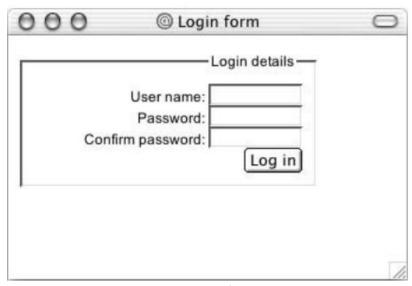
UEFA FIXTURES			
SATURDAY	4.00-7.00 P.M.	Arsenal VS Barcelona	
	9.00-12.00 P.M	PSG VS Manchester United	

QUESTION THREE(20MKS)

a) 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

(7 marks).

b) Write HTML code that would render the web page shown below on a browser. (7marks).



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c)	State and explain the advantages of using Dreamweaver in developing websites	
		(6 marks).
QUES	STION FOUR(20MKS)	
a)	Explain the following terms used in web design: i. web browser	(5marks)
	ii. Hyperlinks	
	iii. Web server	
	iv. Protocol	
	v. html .	
b)	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. (10 marks).	
c)	List the THREE rules of naming HTML attributes	(3 Marks).
d)	Write html code that displays the text "Hello World" on a web page	(2 marks).
QUES	STION FIVE(20MKS)	
a)	Explain the use of each of the following HTML tags as used in web design i. <title> ii. <HEAD> iii. <BODY> iv. v. ©</th><th>n. (10marks)</th></tr><tr><th>b)</th><th>An html form tag requires many attributes. Explain each of the following f</th><th>form attributes: (6 marks)</th></tr><tr><th></th><td>i. Action</td><td>,</td></tr><tr><th></th><th>ii. Enctype</th><th></th></tr><tr><th></th><th>iii. Method</th><th></th></tr><tr><th>c)</th><th>Explain the difference between the HTTP GET and the HTTP POST method form data to a server.</th><th>hods of sending (4 marks).</th></tr></tbody></table></title>	