

MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS 2017/2018 ACADEMIC YEAR SECOND YEAR FIRST SEMESTER

SCHOOL OF SCIENCE AND INFORMATION SCIENCES UNIVERSITY EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE (COMPUTER SCIENCE)

COURSE CODE: COM 1207
COURSE TITLE: INTERNET FUNDAMENTALS

DATE: 26TH APRIL, 2018 TIME: 0830 - 1030HRS

INSTRUCTIONS

Answer Question ONE and any other TWO

SECTION A

QUESTION ONE (COMPULSORY 30 MARKS)

- (a) Explain the difference between HTML and XHTML if any. (4 marks)
- (b) Explain what you understand by the "internet". (2 marks)
- (c) Describe a web page. (3 marks)
- (d) Given the URL http://www.deitel.com/books/downloads.html, explain three main parts/components of this URL. (6 marks)
- (e) Explain what you understand by the World Wide Web consortium (W3C) and outline at least one of its primary goals. (4 marks)
- (f) The following appears in the body of an HTML document. Explain what it's meant to do and give the output you would expect when rendered using a browser.

 (5 marks)

<BODY>

- <H1> Maasai Mara University </H1>
- <H2> Maasai Mara University </H2>
- <H3> Maasai Mara University </H3>
- <H4> Maasai Mara University </H4>
- <H5> Maasai Mara University </H5>
- </BODY>
- (g) Explain the functions of the following tags and give the corresponding end tags for each. <HTML>,<HEAD>,<TITLE>. (6 marks)

SECTION B

QUESTION TWO

11. </html>

(a) The following is a HTML5 document. Explain the lines 1, 2 and 5.

(6 marks)

- 1. <!DOCTYPE html>
 2. <html lang="en">
 3. <head>
 4. <meta charset="utf-8">
 5. <title>My First HTML5 Page</title>
 6. link rel="stylesheet" href="style.css">
 7. </head>
 8. <body>
 9. HTML5 is fun!
 10. </body>
- (b) Both the head and title elements can be referred to as nested elements. Explain why. (4 marks)
- (c) In developing your website, you realize that you need to link your visitors to the following three sites(uonbi.ac.ke, ku.ac.ke and jkuat.ac.ke), for university of Nairobi, Kenyatta university and Jomo Kenyatta University of agriculture and technology respectively, write the section of your code using HTML 5 which will redirect them as required. Your code should also have the introductory part with the message "for more information on each institution, click the name of the university". Use comments where necessary. (10 marks)

QUESTION THREE

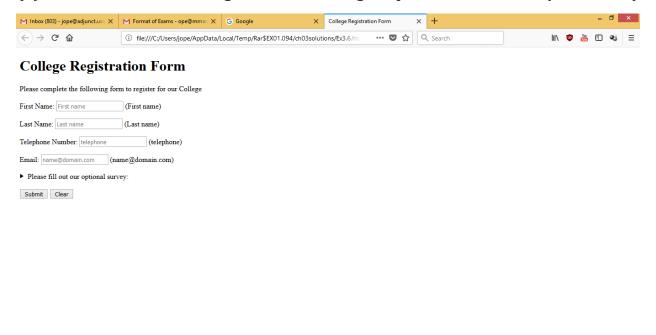
(a) Write an HTMI	L code that would display the following.	(10 Marks)
File Name:		
Last Name:		
SUBMIT		

(b) You have won a tender to develop a new website for Maasai Mara University, Explain any five rules you will expect your team to follow so as to come up with an irresistible site. (10 marks)

QUESTION FOUR

(a) Write a HTML code to give the following output.

(20 marks)



END//