



MASENO UNIVERSITY

UNIVERSITY EXAMINATIONS 2012/2013

SECOND YEAR SECOND SEMESTER EXAMINATIONS FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMPUTER SCIENCE (MAIN CAMPUS)

CCS 214: WEB DESIGN AND PUBLISHING

Date: 23rd July, 2013

Time: 8.30 – 10.30 a.m.

INSTRUCTIONS

- ◆ Answer Question ONE and any other TWO questions in PART B.
- ◆ Diagrams, where required, should be clearly drawn and labeled.
- ◆ MOBILE PHONES are STRICTLY FORBIDDEN in this exam.

PART A: Question One— (COMPULSORY 30 MARKS)

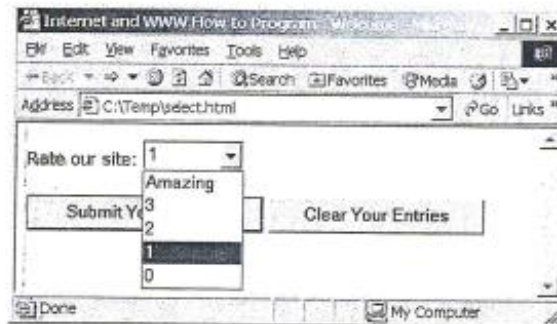
Question One (30marks)

- a. Distinguish between Internet and WWW? 2marks
- b. Define HTML? 3marks
- c. Define a Web Browser and name give two examples. 4marks
- d. Give two file extensions of image file formats recognized by internet browsers. 2marks
- e. Define a Client Server Model? 3marks
- f. Define a URL and write one typical example. Identify and explain the various parts of the URL that you have stated. 5marks
- g. Distinguish between a Domain Name and DNS server? 4marks
- h. Define a FRAMESET in HTML. 3marks
- i. Distinguish between absolute and relative URLs? 4marks

Question Two (20marks)

- a. When designing web pages, state any five important things you can do to make sure your visitors see and understand as much as possible about your Web pages. 2marks
- b. What is 3G Technology? 3marks
- c. Briefly describe TCT/ IP as an internet protocol suite model. 5marks

- d. Write a HTML code to change the color of background or text in HTML? 3marks
- e. Write a HTML code for the form below. The "selected" value here mean Amazing is selected as the default value 7marks



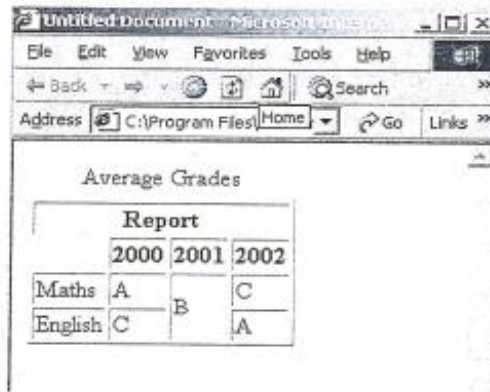
Question Three (20 marks)

- a. State and explain how HTML is important to client machines in the internet
4marks
- b. Briefly outline how you would insert an image file named elephant.jpg at the very top of a Web page?
3marks
- c. How would you give a Web page a black background and make all text, including links, bright green?
4marks
- d. Write a HTML code for this simple comments form.
9marks



Question Four (20 marks)

- a. What is Search Engine?
2marks
- b. What are the values of lowest address and highest address in class B addressing? Write them in dotted decimal form.
3marks
- c. How do you use a picture as the background in HTML?
3marks
- d. Describe with a simple line of code how you would add music to a web page?
2marks
- e. Define the term table in web design.
2marks
- f. Write a HTML code to display the table below. Pay attention to the neat presentation of this table.
10marks



Question Five (20 marks)

- State and briefly describe any three Internet services: 6marks
- How would you make all text on a page green and a little larger than normal, but make all headings yellow? 3marks
- Write the HTML to create the following ordered list. 3marks
 X. Xylophone
 Y. Yak
 Z. Zebra
- What is a forms? 2marks
- Write the HTML codes for this simple form. 6marks

