

Mount Kenya



University

UNIVERSITY EXAMINATION 2011/2012

SCHOOL OF PURE AND APPLIED SCIENCES

DEPARTMENT OF INFORMATION TECHNOLOGY

SIT 2226/ SDBIT 504 UNIT TITLE: WEB PROGRAMING

DATE: NOVEMBER 2011

MAIN EXAM

TIME:2HRS

Instructions: Answer all questions in section A and ANY OTHER TWO from section B

Section A:

Question One

- a) Define the following terms as used in web technology
- i) Home page
 - ii) Web browser
 - iii) Web page
 - iv) HTML
 - v) World Wide Web 5 marks
- b) Outline and briefly explain FIVE factors to consider when choosing content to include on a website 10 marks
- c) State and explain the four elements that form the basic structure of an HTML document; Show how they are arranged in an HTML document. 10 marks
- d) Explain the use of the following tags 3 marks
- i) <A>
 - ii)
 - iii) <P>
- e) Define the term search engine and give an example 2 marks

Section B:

Question Two

- a) Outline four uses of web forms 4 marks

- b) Create an HTML form that you can think of which will make use of the following controls; a button, a text field, a text area; check box and a select list 10 marks
- c) State and explain the two most commonly and graphic formats 2marks
- d) Use examples to distinguish between open tags and closed tags 4 marks

Question Three

- a) Write an HTML code to generate the following table 9 marks

Name	Position	Department	Institution
Richard	Technician	IT	Mt. Kenya
Mwangi	Lecturer	Business	
George	HOD	Journalism	JKUAT
Susan	Technician	IT	Kisii Univ

- b) State two differences between **Radio** and **Checkbox** Input type elements as used with the form 4 marks
- c) State and explain any THREE attributes of the BODY element 3 marks
- d) State and explain any two HTML lists formats used in Web pages showing the tags used. 4 marks

Question four

- a) Explain the functions of the following form attribute. 4 marks
 - i) Action
 - ii) Method
- b) Define the term hyperlink 2 marks
- c) State three uses of HTML tables 3 marks
- d) Name the character entities used to describe the following terms 4 marks
 - i) Ampersand
 - ii) Registered trademark
 - iii) Non/breaking space
 - iv) Copyright symbol
- e) State and explain any three services offered by the internet 3 marks
- f) Write an HTML code that loads an image into the web page 4 marks

Question Five

- a) Write the HTML code that will interlinks two web pages named Mku.htm and MkuLibrary.htm 6 marks
- b) Name any two protocols in the internet 2 marks
- c) Describe the HTML attributes "Name" and "Target" as used within the anchor tag 4 marks
- d) Explain the purpose of the following tags and classify them as either, empty or closed. 8 marks

- i) <HI>
- ii) <BK>
- iii) <P>
- iv)