

**SDBIT 504 :WEB PROGRAMMING**

**DATE: MARCH 2011**

**2 HOURS**

**March 2011**

**Time: 2hours**

**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 the internet technology
  - i) ISP
  - ii) Web browser
  - iii) Home 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) <IMG>
  - 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) Give sample code that creates any five controls used with the forms e.g. 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) Differentiate between open tags and closed tags 4 marks

**Question Three**

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

FLIGHT SCHEDULE				
KENYA AGENCIES				
17/03/2011	REPORTING	DEPARTURE	DESTINATION	ARRIVAL
KENYA AIRWAYS	19:00	20:30	UNITED STATES OF AMERICA	3:00
EMIRATES	20:00	22:00		12:00
BRITISH AIRWAYS	19:15	21:30		11:30

- 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 narks

**Question Five**

- a) Write the HTML code that will interlinks two web pages named MKU Students.htm and MKU IT Students.htm 6 marks
- b) Name any two protocols in the world wide web 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) <B>