THE TECHNICAL UNIVERISTY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY
(DICT J2/S-EV)

ECS 2201: WEB DESIGN & DEVELOPMENT

END OF SEMESTER EXAMINATION
SERIES: AUGUST 2013
TIME: 2 HOURS

Instructions to Candidates:
You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Attempt question **ONE** and any other **TWO** questions
Maximum marks for each part of a question are as shown
This paper consists of **THREE** printed pages

Question One (Compulsory)

a) Define the following terms:
- **(i)** HTML
- **(ii)** WZC
- **(iii)** CSS **(6 marks)**

b) Explain **THREE** differences between html and xhtml. **(6 marks)**

c) Describe the basic tools needed to create an html document. **(6 marks)**

d) Give an example of an html attribute and explain its composition. **(2 marks)**

e) Show the skeletal structure of an html document using the five basic document elements. **(10 marks)**

Question Two

a) Define an html element **(2 marks)**

b) Explain the function of attributes in html **(2 marks)**

c) Describe the **THREE** types of DOCTYPE declarations used in html 4 **(6 marks)**

d) Use an example to demonstrate how to create a link and show the outcome of the example. **(5 marks)**

Question Three

a) Create the following table using html. **(11 marks)**

Registration numbers	Names
100	Omondi E
200	Omari A

b) Explain the function of the following tags:
- **(i)**
- **(ii)** <b> **(4 marks)**

Question Four

a) Create an html document for an ordered list with any three items in the list. **(6 marks)**

b) Describe **THREE** methods of using style sheets. **(6 marks)**

c) List **THREE** formatting tags **(3 marks)**

Question Five

a) What is objective of using JavaScript in html documents **(2 marks)**

b) Create the html elements to create the following from input features.

(i) First name

(ii) Male **(8 marks)**

c) List any **FIVE** form tags **(5 marks)**