

# TECHNICAL UNIVERSITY OF MOMBASA

UNIVERSITY EXAMINATION FOR:  
Diploma in Information Communication Technology

Unit Code: **EIT 2303**  
Unit Name: **Web Design**

End of semester Examination

SERIES: April/May 2016

Time: 2 Hours

Attempt any **THREE** questions

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## **Question 1 (20 Marks)**

- a) Explain the following:
- i) Web browser
  - ii) Web page
  - iii) Web site
  - iv) Uniform Resource Locator (URL)
  - v) Web hosting
- [10 Marks]**
- b) Explain the term hyperlink
- [2 Marks]**
- c) Write HTML code that would produce following links:
- i. Link to a sound file called abc.mp3
  - ii. Link to [nationalaudio.com](http://nationalaudio.com)
  - iii. Link to email address of [tom@yahoo.com](mailto:tom@yahoo.com)
  - iv. Link to top of page
- [8 Marks]**

## **Question 2 (20 Marks)**

- a) State the use of the following tags:
- i) <b>
  - ii) <br>
  - iii) <h1>
  - iv) <title>
  - v) <body>
- [5 Marks]**
- b) Explain any three advantages of CSS
- [6 Marks]**

c) List HTML codes to display the following:

**Sex:**

- Male
- Female

[3 Marks]

d) Write HTML code to display names of four subjects in a combo box

[4 Marks]

e) Using a suitable example explain, the meaning of 'Selector' as applied in CSS

[2 Marks]

**Question 3 (20 Marks)**

a) Explain the use of the following attributes of <form> tag:

- i) Method
- ii) Action

[4 Marks]

b) Explain the following

- i) Attributes
- ii) HTML element
- iii) XHTML

[6 marks]

c) Write HTML tags to display marks of three students as shown below:

Mombasa Polytechnic University			
Student Number	Name	CAT	Exam
109/00029	Alice	23	40
109/00039	Joan	25	54
109/00049	Charo	22	61

[4 Marks]

d) Explain what is meant by CGI

[2 Marks]

e) With aid of suitable examples explain the following concepts:

- i) css
- ii) Empty element

[4 Marks]

**Question 4 (20 Marks)**

a) Explain the following as applied to HTML table tag:

- i) Rowspan
- ii) Cellpadding

iii) Cellspacing [6 Marks]

b) Explain the terms as applied to HTML documents:

- i) Frameset
- ii) Iframe [4 Marks]

c) Explain the use of the following frameset attributes:

- i) Scrolling
- ii) Border
- iii) Resize
- iv) Marginwidth
- v) Marginheight [5 Marks]

d) State the effects of the following tags:

- i) `<INPUT type= "checkbox" name= "foodchoice" value="pizza">`
- ii) `<INPUT type = "submit" value = "Send Now!">` [2 Marks]

e) List any three uses of Java script in HTML documents [3 marks]

**Question 5 (20 Marks)**

a) State where Java Script functions can be placed in Web page [4 Marks]

b) State any six factors to consider when designing a web site [6 Marks]

c) List differences between Java programming language and Java script [4 Marks]

d) Write HTML code containing Java function that will accept two numbers from users and display their average when a user clicks on a button [6 Marks]