

THE MOMBASA POLYTECHNIC UNIVERSITY COLLEGE

(A Constituent College of JKUAT)

Faculty of Engineering & Technology

DEPARTMENT COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN INFORMATION COMMUNICATION TECHNOLOGY

DICT 2K9J/ DICT 2K10 J

EIT 2310/ EIT 2303: INTERNET APPLICATION PROGRAMMING

SPECIAL/SUPPLEMENTARY EXAMINATION

SERIES: FEBRUARY/MARCH 2012

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consist of **FIVE** questions in **TWO** sections **A & B**

Answer question **ONE (COMPULSORY)** and any other **TWO** questions

Maximum marks for each part of a question are as shown

This paper consists of **FOUR** printed pages

SECTION A (COMPULSORY)

QUESTION ONE

a) Explain the following:

- i) Web browser
- ii) Web page
- iii) Web site
- iv) Uniform Resource Locator (URL)
- v) Web hosting

[10 Marks]

b) State the use of the following tags:

- i)
- ii)

- iii) <h1>
- iv) <title>
- v) <body>

[10 Marks]

c) Explain the term hyperlink

[2 Marks]

d) Write HTML code that would produce following links:

- i. Link to a sound file called abc.mp3
- ii. Link to www.nationalaudio.com
- iii. Link to email address of tom@yahoo.com
- iv. Link to top of page

[8 Marks]

SECTION B (Answer any two questions)

a) Write HTML codes that will display the following on a webpage:

FOOD RECOMMENDED FOR
BALANCED DIET

A balanced diet should contain:

- Proteins
- Carbohydrates
- Vitamins and Minerals

A. Proteins

- i. Meat
- ii. Beans
- iii. Eggs

B. Carbohydrates

- i. Maize
- ii. Rice

iii. Potatoes

C. Minerals & Vitamins

- 1. Oranges
- 2. Tomatoes
- 3. Mangoes

[7 marks]

b) List HTML codes to display the following:

Sex:

Male

Female

[4 Marks]

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

- i) Method
- ii) Action

[4 Marks]

QUESTION THREE

a) Write HTML tags to display the following:

- i) A message in blue color, font size 10 and font Times New Roman
- ii) Graphic – flower.jpg

[2 Marks]

b) 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

[7 Marks]

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

- i) Rowspan
- ii) Cellpadding
- iii) Cellspacing

[6 Marks]

QUESTION FOUR

a) Explain the terms as applied to HTML document 'Frameset'

[2 Marks]

b) Explain the following:

- i) Server-side script
- ii) Session Variables
- iii) Application Variables
- iv) Cascading Style Sheets
- v) Script engine

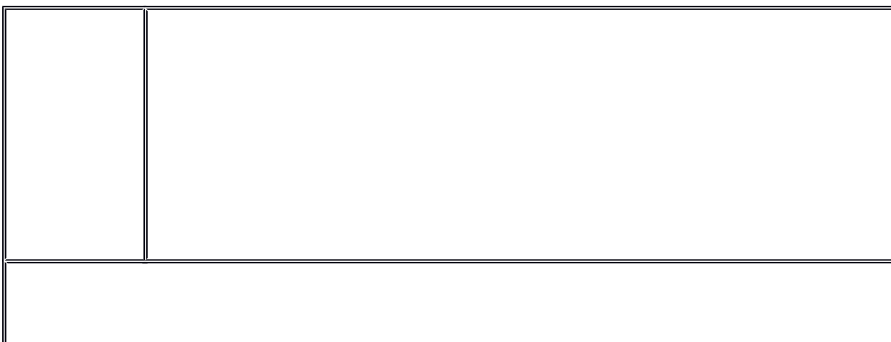
[10 Marks]

c) State the **three** JavaScript popup windows

[3 Marks]

QUESTION FIVE

a) Write html codes that will divide a web page into three windows, with each window displaying a separate as shown in the sketch below; with each window displaying a web page:



[5 Marks]

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

c) Explain what you understand by the statement 'HTTP is stateless'.

[4 Marks]