

**MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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**University Examinations 2014/2015**

STAGE IV EXAMINATIONS FOR DIPLOMA IN INFORMATION TECHNOLOGY

**DIT 0405: WEB DEVELOPMENT I**

**DATE: DECEMBER 2014 TIME: 1 HOURS**

**INSTRUCTIONS:** *Answer question* ***one*** *and any other* ***two*** *questions*

**QUESTION ONE (30 MARKS)**

1. Write the structure of HTML document and explain the function of each element
2. marks)
3. Create a HTML page that has three types of links,ie, an internal link, an external link and an email link (6 marks)
4. Create an e-mail feedback form that looks like the one shown below: (10 marks)

**Reply to ad**

**Use the following to respond to the ad:**

To

|  |
| --- |
| Star Seller |

To

|  |
| --- |
|  |

Subject

|  |
| --- |
|  |

Body

|  |
| --- |
|  |

|  |
| --- |
| Send email |

1. Using an example describe where in HTML document an external CSS file is put

(3 marks)

1. Study the table below:

|  |  |  |
| --- | --- | --- |
| **Student list** | | |
| **S/No** | **Sur name** | **Other names** |
| **1** | **Kinoti** | **Jackline Nkirote** |

Write HTML codes that can be used to create the table above (5 marks)

**QUESTION TWO (15 MARKS)**

1. a) Write html code to display the list shown below in a table (4 marks)

|  |
| --- |
| Names |
| 1. Alpha 2. Beta 3. Charlie |

1. Write HTML code to produce the above code with bullets (4 marks)

ii) Using examples differentiate HTML tags, attributes and elements (6 marks)

iii) Explain what you understand by the term Web Page editor (1 mark)

**QUESTION THREE (15 MARKS)**

1. Create the following frame layout

**Frame 1**  **Frame 2**

**Frame 3**

* Frame 1 should contain the file **mylinks.html** (2 marks)
* Frame 2 should contain the file **banner\_page.html** (2 marks)
* Frame 3 should contain the file **tabledisplay.html** (2 marks)

1. Differentiate between client-side and server-side scripting giving examples of such scripting languages (4 marks)
2. Demonstrate how you can use the mailto to send an email to [info@must.ac.ke](mailto:info@must.ac.ke)

(2 marks)

1. By use of examples demonstrate how the following tags are used (3 marks)
2. <href>
3. <p>
4. <pre>

**QUESTION FOUR (15 MARKS)**

1. Write the HTML code to generate a web page in the format given below:(7 marks)

|  |
| --- |
| Page Header |

**LINKS**

Indoor Activities Body of the page

Outdoor Activities

|  |
| --- |
| Page Footer |

Note:

* Page header color: red
* Page footer color: red
* Pages linked to:
* Indoor Activities as “in.html”
* Outdoor Activities as “out.html”
* Bottom message should be font size 2

1. Write a HTML code that will output the following (8 marks)
2. Document whose background color is red
3. Scrolling text
4. A horizontal rule
5. Italise a document or text
6. Give a link to a document
7. Insert an image
8. Superscript or subscript a text
9. Emphasis or enlarge **text**

**QUESTION FIVE (15 MARKS)**

1. Create an ordered list of three items (3 marks)
2. Create a html form that consists of a
3. Textbox (2 marks)
4. Radio button (2 marks)
5. Pull-Down Menu (3 marks)
6. What is the correct HTML for inserting a background image (1 mark)
7. Explain the following terms: (4 marks)
8. Web browser
9. Web server
10. Host
11. Domain identifier