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**University Examinations 2015/2016**

SECOND YEAR, SECOND SEMESTER EXAMINATION FOR THE DIPLOMA IN INFORMATION TECHNOLOGY

**CIT 2279: WEB DEVELOPMENT I**

**DATE: NOVEMBER 2015 TIME: 11/2 HOURS**

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

**QUESTION ONE (30 MARKS)**

1. i) Outline three characteristics of the World Wide Web. (3 Marks)

ii) Describe three types of web documents (3 Marks)

1. Distinguish between the following terms as used in web design. (6 Marks)
2. Home page and Web page
3. Hypertext and hyperlink
4. Publishing and publicizing
5. Write the output produced when the following code is run in a web browser. (4 Marks)

<html>

<OL start=5>

<li>MERU</li>

<li>NYERI</li>

<li>COAST</li>

</OL>

<p>NAIROBI COUONTY</p>

<UL types=square>

<li>Westlands</li>

<li>Kamukunji</li>

<li>Kasarani</li>

</UL>

</html>

1. Describe the structure of a Uniform Resource locator. (5 Marks)
2. Write Html code that displays the following section of a html page. (9 Marks)

|  |
| --- |
| Please select your programme* BBIT
* DIT
* BIT
* BCS

Send us some comments about these programmesSUBMITRESET |

**QUESTION TWO (15 MARKS)**

1. Differentiate between a container element and empty element. (2 Mark)
2. Describe four categories of web presence providers (8 Marks)
3. The figure below shows a directory structure. Use it to answer the questions that follow.

Program home. html index. html

Class

Intr.html

c. html

**Write html code to;**

1. Create a link in home.html to open index.html. (1 Mark)
2. Create a link in intro.html to open home.html. (2 Marks)
3. Link to a document whose URL is [www.must.ac.ke/program/magnetism.html](http://www.must.ac.ke/program/magnetism.html) found on a

 remote web server. (2 Marks)

**QUESTION THREE (15 MARKS)**

1. Define the following: (2 Marks)
2. Web design
3. World wide web
4. Explain three uses of the internet (6 Marks)
5. Describe two categories of tags (4 Marks)
6. Highlight the three main parts of any html document. (3 Marks)

**QUESTION FOUR (15 MARKS)**

1. Differentiate between the POST and GET method of the form element attribute. (5 Marks)
2. Write html code that would display the following information as it appears in a web browser.

(10 Marks)

|  |
| --- |
| **MERU UNIVERSITY EXAM GRADING** |
| **MARK RANGE** | **GRADE** | **COMMENT** |
| 70 - 100 | A | EXCELLENT |
| 60 - 69 | B | GOOD |
| 50 – 59  | C | AVERAGE |