**MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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**University Examinations 2015/2016**

STAGE 1 FIRST SEMESTER EXAMINATION FOR DIPLOMA IN INFORMATION TECHNOLOGY

**CIT 2104: FUNDAMENTALS OF INTERNET**

 **DATE: AUGUST 2016 TIME: 11/2 HOURS**

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

**QUESTION ONE (30 MARKS)**

1. Define the following terms as used in internet: (3 Marks)
2. Upload
3. Browser
4. Blog
5. Give three formatting tags used when developing a web page using HTML. (3 Marks)
6. For video conferencing to be effective, several devices should be put in place. Identify any four such devices. (4 Marks)
7. Distinguish between the following tags as used in web development: (6 Marks)
8. <hr/> and <br/>
9. <em> and <strong>
10. <td> and <th>
11. Give three ways in which internet has affected our society negatively. (3 Marks)
12. Describe the following terms as used in internet communication: (6 Marks)
13. Chat rooms
14. Email
15. Groupware
16. Design a simple structure of a HTML document showing your university name, department, your details and the units you are taking this semester. (5 Marks)

**QUESTION TWO (20 MARKS)**

1. Explain three ways in which internet can support e-commerce. (6 Marks)
2. Give two types of separator tags used when designing a web page in HTML. (2 Marks)
3. Write the following terms in full: (3 Marks)
4. URL
5. HTTP
6. HTML
7. Name the three important parts of a URL (3 Marks)
8. Distinguish between relative URL and Absolute URL (2 Marks)
9. Describe the importance of a web browser as a tool in development of web pages. (2 Marks)
10. Give the file extension used when saving an HTML document. (2 Marks)

**QUESTION THREE (20 MARKS)**

1. Design an HTML code of creating the following table (10 Marks)

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Meru** | **Vihiga** | **Kilifi** |
| January  | budgeting  | Tourism marketing  |
| February  | Miss tourism contest  |

1. Identify three tools necessary when creating a web page. (3 Marks)
2. Give three protocols necessary when exchanging information over the internet. (3 Marks)
3. Write the importance of the following terms as used when composing an email: (4 Marks)
4. Draft
5. BCC
6. CC
7. Attachment

**QUESTION FOUR (20 MARKS)**

1. Describe the three types of lists used when designing a website using HTML (6 Marks)
2. Give the application of the following tags as used when designing web pages: (3 Marks)
3. <href>
4. <th>
5. <input>
6. Give three basic HTML rules. (3 Marks)
7. Write a simple HTML script to display the following text in a web page: (8 Marks)
8. FRUITS
9. Pawpaw
10. Apple
11. VEGETABLE
12. Sukuma wiki
13. Cabbages
14. Tomatoes

**QUESTION FIVE (20 MARKS)**

Design a simple form using HTML that can be used to create the following form. (20 Marks)