

W1-2-60-1-6

**JOMO KENYATTA UNIVERSITY**

**OF**

**AGRICULTURE AND TECHNOLOGY**

**UNIVERSITY EXAMINATIONS 2014/2015**

**FOURTH YEAR SUPPLEMENTARY/SPECIAL EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS AND OFFICE MANAGEMENT**

**ICS 2203: INTERNET APPPLICATION PROGRAMING**

**DATE: JULY 2015 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

1. Explain any FOUR challenges facing HTML. [4 marks]

1. Write HTML program that will be able to display the output on a web browser. [4 marks]
2. Explain the meaning of the following using an example: [6 marks]
3. URI
4. URL
5. UNR

1. Explain THREE (3) advantages of using cascading style sheets in

web development. [4 marks]

1. State the difference between the following terms as use in HTML. [6 marks]
2. ROWSPAN and COLSPAN
3. A tag and HREF tag
4. FRAMESET tag and FRAME tag
5. Describe the architecture of a simple reflex agent. [5 marks]
6. Briefly describe the functions of the following elements: [4 marks]
7. THEAD
8. TFOOT

**QUESTION TWO (20 MARKS)**

1. Write HTML code to generate the following table: [8 marks]

Year 2009

|  |  |  |  |
| --- | --- | --- | --- |
| MATOPENI ACADEMY | | | |
| ADMINISTRATION |  | COMPUTER | |
| SCIENCES |  | SOFTWARE | HARDWARE |
| ENGINEERING |  |  |  |

1. Explain how web developer can use CSS to provide the following effects

to a website. Use examples where possible

1. Change heading font-family, font- size, font weight, colour and borders. [4 marks]
2. Distinguish between links that are active, visited and not visited. [4 marks]
3. Use <div> and <img> tags . [4 marks]

**QUESTION THREE (20 MARKS)**

1. Explain how one would insert the following in HTML page, give the tags

involved, its attributes and the code [9 marks]

1. Inserting an image
2. Inserting horizontal line
3. Alternating scrolling text on the screen
4. Explain the function of the following tags and write a HTML code to

illustrate their usage.

1. < DL > [3 marks]
2. < DD > [1 mark]
3. < DT > [1 mark]
4. Describe the function of the following HTML tags. [4 marks]
5. <BR>
6. <EM>
7. <Basefont>
8. <ADDRESS>
9. State TWO factors to take into considerations before inserting an image

as background in a HTML document. [2 marks]

**QUESTION FOUR (20 MARKS)**

A training session is to be designed on how the company’s computers are

linked together over the internet. Your task is to produce self-explanatory

notes for the trainees. Using examples produce a set of notes explaining each

of the following computing terms.

1. Client [5 marks]
2. TCP/ [5 marks]
3. Web Browser [5 marks]
4. Get/Post [5 marks]