

Mount Kenya



University

UNIVERSITY EXAMINATION 2015/2016

SCHOOL OF PURE AND APPLIED SCIENCES
DEPARTMENT OF INFORMATION TECHNOLOGY

BACHELOR OF BUSINESS INFORMATION TECHNOLOGY, BACHELOR OF
INFORMATION TECHNOLOGY, BACHELOR OF INFORMATION SYSTEMS
AND BACHELOR OF EDUCATION
SCHOOL BASED

UNIT CODE: BIT2102

UNIT TITLE: FUNDAMENTALS OF INTERNET

DATE: DECEMBER 2015

MAIN EXAM

TIME: 2 HOURS

Instructions: Answer *ALL* Questions in Section A and *ANY* other *TWO* in Section B

SECTION A (Compulsory)

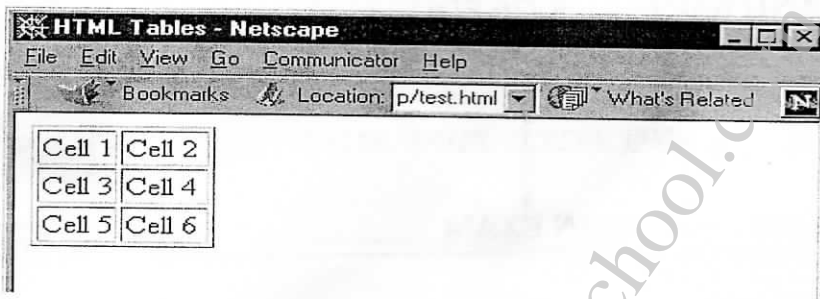
QUESTION ONE (30Marks)

- a) Define
- i) World Wide Web (2 Marks)
 - ii) MODEM (2 Marks)
 - iii) Search Engine (2 Marks)
- b) Differentiate between http, https, ftp, and telnet (8 Marks)
- c) What do you mean by a MAC address (1 Mark)
- d) Write brief notes on: (9 Marks)
- iv) Browser
 - v) ISP
 - vi) Domain Name

e) What is URL? How does URL differ from the domain name? (6 Marks)

QUESTION TWO (20 Marks)

- a) Discuss three requirements to connect to Internet (9 Marks)
- b) What is bandwidth and how is it measured (5 Marks)
- c) In HTML, a Table is comprised of Table Rows, and each Table Row contains Table Cells. Once the structure of your table is created, you can insert your data into the appropriate Table Cell. Write a HTML code to produce the following table with the border attribute of 1 (pixel). (6 Marks)



Answer

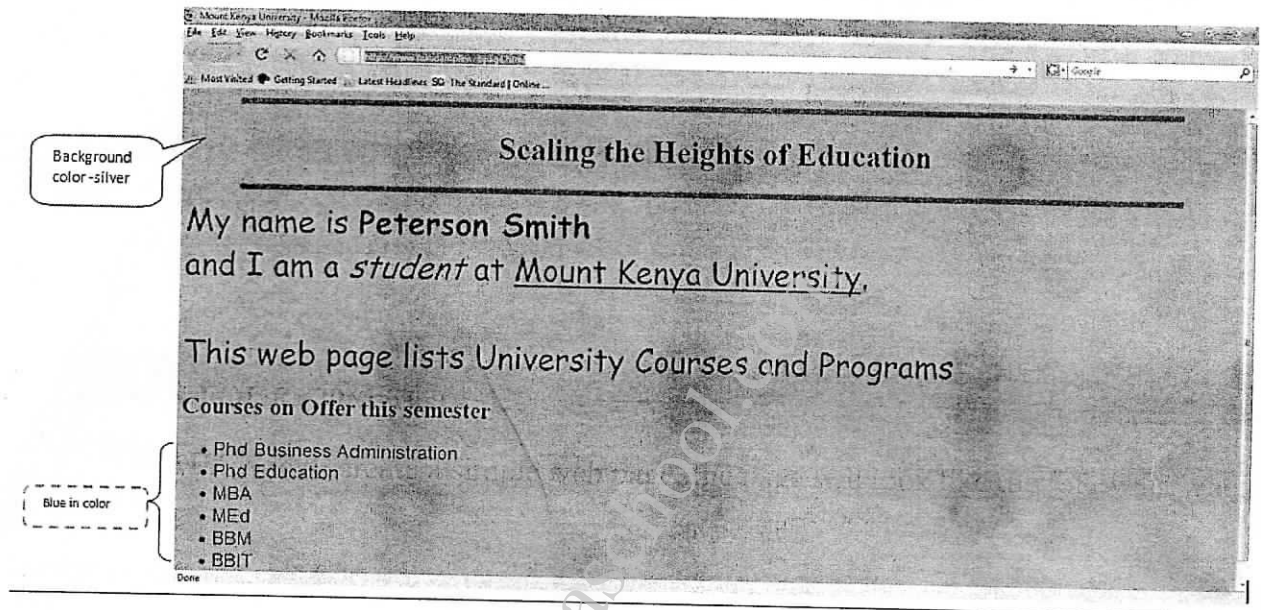
```
<TABLE border="1" >
  <TR><TD>Cell 1</TD><TD>Cell 2</TD></TR>
  <TR><TD>Cell 3</TD><TD>Cell 4</TD></TR>
  <TR><TD>Cell 5</TD><TD>Cell 6</TD></TR>
</TABLE>
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QUESTION THREE (20 Marks)

- a. Discuss FOUR internet connections options. (12 Marks)
- b. Explain the difference between
- i) WWW and Internet (4 Marks)
 - ii) Video conferencing and teleconferencing (4 Marks)

QUESTION FOUR (20Marks)

Write a HTML code to create a simple web page, the page will look like the following when done.



QUESTION FIVE (20 Marks)

Write a HTML code to create a simple Feedback form on Mount Kenya University website, the form will look like the following when you are finished.

Contact Us - Mozilla Firefox
File Edit View History Bookmarks Tools Help
MKU Contact Form (1)
Most Visited Getting Started Latest Headlines SG The Standard | Online ...

Contact Us

Use the following form to send a message to MKU

Your Email

Message

How did you hear of us? Local newspaper ▾

Newsletter

Ensure this box is checked if you would like to receive email updates

www.atikaschool.com