

KABARAK



UNIVERSITY

EXAMINATIONS

2008/2009 ACADEMIC YEAR

**FOR THE DEGREE OF BACHELOR OF BUSINESS
MANAGEMENT & INFORMATION TECHNOLOGY**

COURSE CODE: BMIT 426

COURSE TITLE: INTERNET AND MULTIMEDIA

STREAM: Y4S2

DAY: MONDAY

TIME: 9.00 – 12.00 P.M.

DATE: 23/03/2009

INSTRUCTIONS:

Section A is Compulsory and any other **TWO** Questions in **Section B**, and any two questions from **section C**.

PLEASE TURN OVER

SECTION A (COMPULSORY)

QUESTION 1 (30 marks)

- a) Define Internet? (2marks)
- b) Distinguish between hypertext and hypermedia? (2marks)
- c) Explain briefly about URL? (2 marks)
- d) Hillary loves art and design and would want to edit some of his pictures, photos, painted art, etc, what are the appropriate software would you advise him to use for his project? (2marks)
- e) Write short on some of the multimedia hardware used to build multimedia projects ,using the following headings with examples:
 - i. Memory and storage devices (2marks)
 - ii. Input devices (2marks)
 - iii. Output devices (3marks)
 - iv. Communication devices (2marks)
- f) Briefly explain the following terms as used in e-mail:-
 - i. Address Book (2marks)
 - ii. Signature (2marks)
 - iii. File Attachments (2marks)
- g) What is domain name? Give the syntax. (2marks)
- h) Discuss about the Internet code of conduct and the ethics that need to be adhered to? (5marks)

SECTION B (40MARKS)

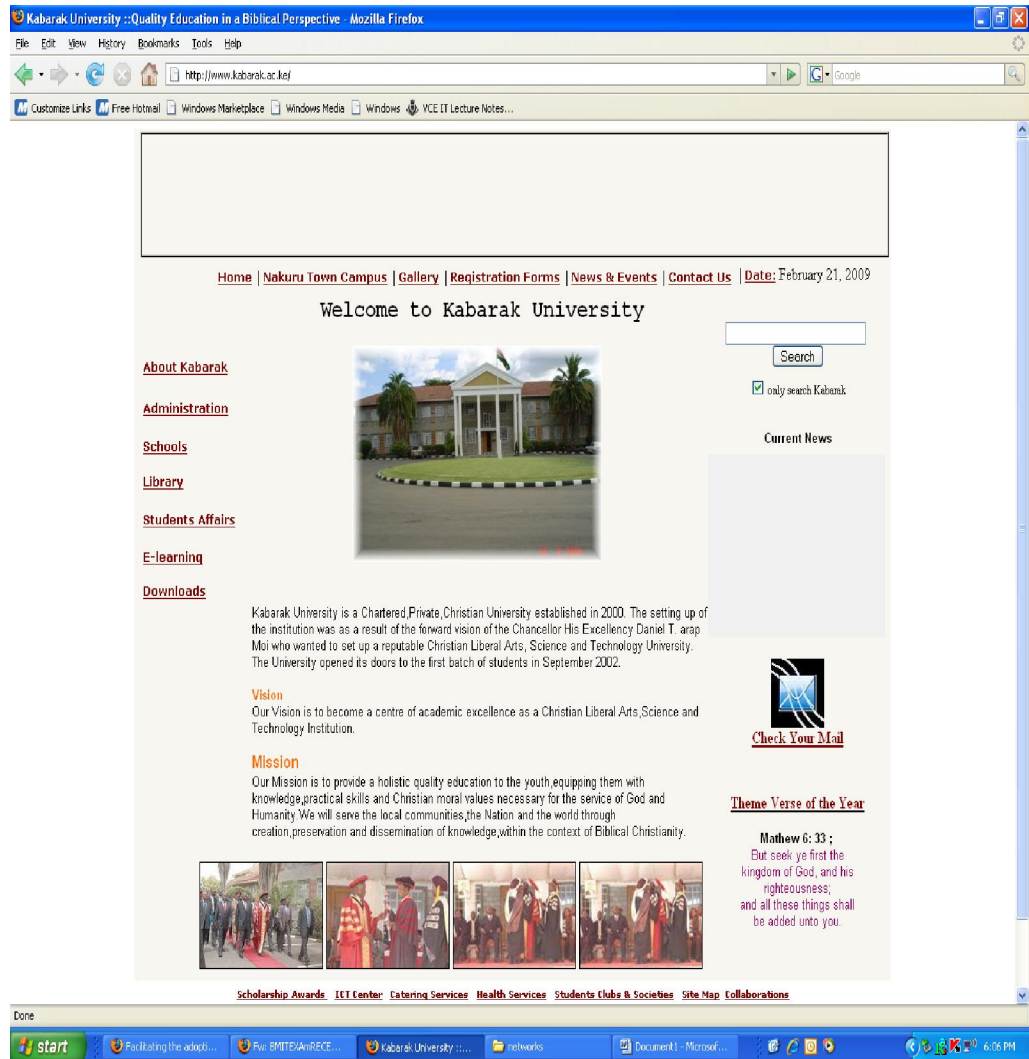
Answer any two questions.

QUESTION 2 (20mark)

- a) Assume you have been asked to prepare to deliver a seminar on the common language through which computers on various networks use to communicate, describe these protocols in detail. (10marks)
- b) The advent of Internet and ICT has brought both cons and pros, discuss? (10marks)

QUESTION 3 (20marks)

a) Write code for the following university homepage (15marks)



Use the following:

- <a href>
-
-
- <p>
- and
- tags where necessary

b) Write short notes on the following as used in Internet:

- i. Spamming
- ii. Search Engines
- iii. Internet servers and clients
- iv. E-mail
- v. Newsgroups

(5marks)

QUESTION 4 (20marks)

- a) Christabel is a young entrepreneur who intends to put up a cyber café in Nakuru town. She is seeking advice on the type of access connection that she may go for. Explain any two types of access connection to her to enable make a decision? (8marks)
- b) Explain any 4 applications of multimedia? (12 marks)

SECTION C (30 MARKS)

Instructions: Answer any two questions

QUESTION 5

- a) Describe the network topologies? (9marks)
- b) Discuss the use of text in multimedia? (6marks)

QUESTION 6

- a) Discuss any 4 tools used in Flash? (8marks)
- b) Discuss the differences between raster and vector images in multimedia. (7marks)

QUESTION 7

The memory capacity of a computer is very much limited as much as we would to wish to store data. However we are not left without an option. Explain any digital & video compression techniques used to save these storage spaces. (15 marks)