



KENYA METHODIST UNIVERSITY

END OF 1ST TRIMESTER 2010 EXAMINATIONS

FACULTY : **COMPUTING AND INFORMATICS**
DEPARTMENT : **COMPUTER INFORMATION SYSTEMS**
UNIT CODE : **DBIT 205**
UNIT TITLE : **INTRODUCTION TO INTERNET AND WWW**
TIME : **2 HOURS**

Instructions:

- Answer question 1 and any other 2 questions.

Question 1 (30 marks)

- a) Define the following terms;
- Internet
 - World wide web
 - Server
 - Client (8 mks)
- b) State two organizations that are involved in the management and standardization of internet services. (2 mks)
- c) Differentiate between;
- Firewall and proxy server
 - File server and directory server (4 mks)
- d) State and briefly describe the two parts of an e-mail address. (4 mks)
- e) Outline the general structure of an HTML document. (5 mks)
- f) Define a protocol and list three application layer protocols used on the internet. (5 mks)
- g) What is the use of the following commands?
- Ping
 - Tracert (2 mks)

Question 2 (15 marks)

- a) What is a search engine and what role does it play on the internet? (4 mks)
- b) Briefly describe the following search queries;
- By keyword
 - By phrase (4 mks)
- c) With the help of a diagram, describe the four layers of the TCP/IP model. (7 mks)

Question 3 (15 marks)

- a) Briefly describe the following internet services;
 - i) Gopher
 - ii) Archive
 - iii) Whois (4 mks)
- b) What is Netiquette? (1 mk)
- c) Outline the ten rules for online conduct as listed in Virginia Shea's book on Netiquette. (10 mks)

Question 4 (15 marks)

- a) Define;
 - i) Emoticons
 - ii) Bandwidth
 - iii) Network service (6 mks)
- b) What is a domain name? (1 mk)
- c) With the help of an example, describe the four parts of a domain name. (8 mks)