



KENYA METHODIST UNIVERSITY

END OF 2ND TRIMESTER 2010 EXAMINATIONS

SCHOOL : **SCIENCE & TECHNOLOGY**
DEPARTMENT : **COMPUTER SCIENCE AND BUSINESS INFORMATION**
UNIT CODE : **DBIT 205**
UNIT TITLE : **INTRODUCTION TO INTERNET AND WWW**
TIME : **2 HOURS**

Instructions: Answer Question one and any other two questions.

QUESTION 1 (30 Marks)

- a) Describe the function of a modem. (1Mark)
- b) Write a short paragraph on the history of the Internet. (4Marks)
- c) List 2 advantages and 2 disadvantages of Internet communication for today's economy. (4 Marks)
- d) Describe the function of a web browser and give one example of a commonly used web browser. (3Marks)
- e) Define electronic mail. (1Mark)
- f) Define the following terms: (4 Marks)
 - i) ISDN
 - ii) HTTP
 - iii) FTP
 - iv) HTML
- g) Describe the general structure of an HTML document. (6 marks)
- h) Differentiate between a Website and web page. (2 Marks)
- i) What are wildcards? (2 Marks)
- j) Consider the following HTML statement:

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Briefly explain what this statement does. (3 marks)

Question 2 (15 Marks)

- a) What is Telnet and how does it work? (3Marks)
- b) Briefly explain two services offered on the internet (2 Marks)
- c) Define an ISP and list two of its functions. (3Marks)

- d) What is a domain name? Describe its function with respect to searching the Internet. (3Marks)
- e) Differentiate between a WHOIS and a WORM. (2Marks)
- f) State the meaning of the following extensions used in internet: **.org** and **.com** (2 Marks)

Question 3 (15 Marks)

- a) Define a search engine and give three examples of search engines. (4Marks)
- b) List and briefly explain three features on Internet explorer browser. (3Marks)
- c) What is a protocol? Explain two protocols used in computer networks. (3Marks)
- d) What is a URL? With the help of an example, briefly explain the two parts of a URL.(3Marks)
- e) Differentiate between hyperlink and hypertext. (2Marks)

Question 4 (15 Marks)

- a) What is an IP address? Explain its two parts. (3Marks)
- b) Describe two ways of establishing a connection to the Internet. (2Marks)
- c) Explain 4 factors to consider when selecting an ISP. (4Marks)
- d) Define two components of an email address. (2Marks)
- e) What is the difference between Internet and World Wide Web? (2Marks)
- f) Briefly explain the meaning of the following terms as used in the internet. (2 Marks)
 - i) Gopher
 - ii) Hacker