



KIBABII UNIVERSITY COLLEGE

(A Constituent College of Masinde Muliro University of Science Technology)

P.O. Box 1699-50200 Bungoma, Kenya

Tel. 020-2028660/0708-085934/0734-831729

E-mail: enquiries@kibabiiuniversity.ac.ke

UNIVERSITY REGULAR EXAMINATIONS

2013 /2014 ACADEMIC YEAR

1ST YEAR 1ST SEMESTER EXAMINATIONS

(MAIN EXAMINATION)

DIPLOMA IN INFORMATION TECHNOLOGY

COURSE CODE: DIT 053

COURSE TITLE: INTERNET APPLICATIONS

DATE: 15TH MAY,2014

TIME: 9:00A.M. – 11:00A.M.

INSTRUCTIONS TO CANDIDATES:

Attempt question **ONE (1)** and **ANY TWO (2)** other questions from section B.

Question one (24 Marks)

i) World wide web can be viewed as a vast virtual space on the internet where information is made available .Which of the following is not the information made available on world wide web(www).

- A. website
- B. web portal
- C. blog
- D. electronic mail and fax

ii) _____ is not an internet service.

- A. Browser
- B. instant messaging
- C. electronic commerce
- D. Searching

iii) _____is not a button on the navigation toolbar of a browser program.

- A. Thesaurus
- B. Refresh
- C. Home
- D. Go

iv) Transmission media are physical or wireless pathways used to transmit data and information from one point to another. Which of the following is not a transmission media.

- A. Internet protocol
- B. Internet service provider
- C. world wide web
- D. satellite transmissions

v) _____ is not an internet application

- A. e-commerce
- B. e-learning
- C. e-governance
- D. internet protocol

vii)_____ is not a protocol that's used on the internet.

- A.URL
- B.TCP/IP
- C.FTP
- D. Telnet

viii)Which of the following is not an online annoyance.

- A. Spam
- B. Pop up
- C. Spyware
- D.HTTP

ix) Which of the following is not a form of web entertainment

- A. Multimedia sites
- B. Social sites
- C. electronic mail and fax
- C. Blog

x) HTTP is a special language used to prepare web pages. The following is another language that falls in the same category as HTTP.

- A. Visual Basic
- B. C language
- C. PHP
- D. Assembly

xi) The following are browser programs. Which one is not.

- A. Microsoft You Tube
- B. Mozilla Fire Fox
- C. Netscape navigator
- D. Microsoft internet Explorer

xii) Which of the following is false

- A. In 1989 a research body in the USA called ARPAnet setup a computer network that connected four universities and was called ARPAnet.
- B. ARPAnet used a data transmission technique called packet switching.
- C. By 1973 e-mail was the most common service on the internet
- D. By 1987 internet boasted 10,000 host computers.

xiii) Which of the following is true regarding internet connectivity requirements

- A. Data terminal equipment, transmission media, internet service provider and Network Operating Software (NOS) are required for internet connectivity.
- B. Internet protocol, computer and mobile phone is required for internet connectivity.
- C. Satellite, browser and router is required for network connectivity
- D. MODEM and a computer not installed with any software is required for internet connectivity.

SECTION B

Question two

(18 marks)

2) a. Website, web portal, blog and multimedia collectively make information available on the World Wide Web. Describe other internet services other than World Wide Web.

(4marks)

b. A friend asks you for assistance on how she can communicate with her Uncle in abroad via use of electronic mail. Advice your friend on how to manage an e-mail account.

i) Composing mails

ii) Managing mail folders

iii) Sending mails

iv) Deleting mails

v) Receiving mails

vi) Managing contacts

(viii) Mail attachments

(14 marks)

Question three

(18 marks)

a)A uniform Resource Locator(URL) is simply referred to as a web address and it connects a user to a particular website. Describe the two parts of a URL using an example of a valid URL.

(4marks)

b)Discuss the following internet applications

i)e-commerce

ii)e-banking

iii)e-learning

iv)e-governance

(8marks)

c) What's a protocol? Write the following in full:

i)TCP/IP, ii)HTML, iii)HTTP and iv)FTTP

(6marks)

Question four

(18 marks)

a)A student who wants to browse on the internet encounters a message of internet explorer cannot display the web page, diagnose connection problems. He seeks advice from you.

i)Explain to him/her how to resolve the problem

ii)Your friend successfully gains connectivity to the internet using his computer but doesn't know how to save a web page on the hard disk of his computer and seeks advice from you. Advice him accordingly.

iii) Your friend prepared a website of his cafeteria business and wants to market it on the internet to increase the sales. Advise your friend accordingly on the various ways he can advertise on the internet.

(10marks)

iv) A student at Kibabii University asks you to advice her accordingly regarding various forms of communication on the internet since she wants to get in touch with a friend abroad over the internet. Advise her accordingly by describing the following internet services.

A)e-mail b)web blog c)chartroom d)instant messaging

d)Newsgroup

(8 marks)

Question five

(18marks)

Design a web page using HTML language that has the following features:

a)Table

b)Picture

c)search facility

d)Hyperlink to another document.

(18 marks)