

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE & TECHNOLOGY

UNIVERSITY EXAMINATION 2013/2014 THIRD YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF BUSINESS ADMINISTRATION (KISUMU LEARNING CENTRE)

COURSE CODE: SCS 306

TITLE: INTERNET COMPUTING

DATE: DECEMBER 2013

TIME:DURATION: 3HOURS

INSTRUCTIONS

- 1. This paper contains FIVE (5) questions.
- 2. Answer question 1 (compulsory) and ANY other 2 qiestions.
- 3. Write all answers in the booklet provide.

Question one (30 marks):

A) Gemsafe Ltd is a printing press company and it is planning to set up internet in all its department so as to improve CRM and service delivery. Explain any **five** internet costs the company is likely to incur (10 marks)

B) What is ISP and name any **four** ISPs

(3 marks)

C) Describe **two** methods of viewing e-mail messages.

(2 marks)

D) Name and explain **five** requirements for connecting to the Internet?

(5 Marks)

E) What is XML? How it is different from HTML?

(5 marks)

F) Name the HTML elements?

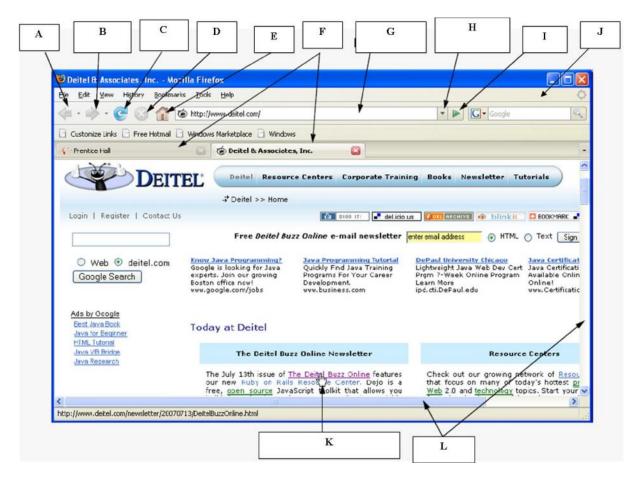
(2 marks)

G) What is the difference between TCP and UDP?

(3 marks)

Question two (20 marks)

- A) (i) What is Search Engine? (2 marks) (ii) Describe any **five** all purpose search engines? (5 marks)
- B) (i) What is a Web browser? (2 marks)
 - (ii) Name any four web browsers you know? (2 marks)
 - (iii) The diagram below shows one of the web browser, study it and name the parts marked A, B, C, D, E, F, G, H, I, J, K and L (4 marks)



C) With the aid of a diagram explain client server networking?

(5 marks)

A) Briefly explain the following (6marks) **ISP** (i) (ii) W3c (iii) URL WWW (iv) **TLD** (v) **ARPANET** (vi) B) (i) What is HTML? (1 mark) Write a basic HTML codes which displays the word "Hello world!" in the (ii) body and has a title "student page". What is the purpose of DOCTYPE declaration in HTML programming? (iii) (2 marks) C) Explain/show the result of the following HTML codes/tags in a web browser (9 marks): <h1>Level 1 heading</h1> (i) <h2> Level 2 heading </h2> <h3> Level 3 heading </h3> <h4>Level 4 heading</h4> <h5> Level 5 heading </h5> <h6> Level 6 heading </h6> (1 mark) (ii) index (1 mark) (iii) (1 mark) (1 mark) (iv) <hr> (v) ul> Mary John (1 mark) (Vi) Mary John (1 mark) (vii) row 1, cell 1 row 1, cell 2 row 2, cell 1

Question three (20marks)

		row 2, cell 2	(2 marks)
	(viii)	<form> First name: <input name="firstname" type="text"/> Last name: <input name="lastname" type="text"/> </form>	(1 mark)
	tion fo (i)	ur (20 marks) Distinguish File Upload and Down Load?	(2 marks)
	(ii)	Write short notes on LAN and WAN?	(4 marks)
	(iii)	What is a Protocol in internet computing and what does it dete	ermine? (3 marks)
	(iv)	Give both the similarity and the difference between HTTP and	d FTP (2 marks)
	(v)	With the aid of a diagram discuss any three network topologies/configurations?	(9 marks)
Question five (20 marks) (A) (i) Highlight four fundamental objectives of information security? (4 marks)			
	(ii) Di	scuss three basic security attacks in internet computing	(3 marks)
	(iii) H	ighlight advantages of JavaScript in web technology?	(3 marks)
(B)	(B) (i) Define CGI? (1marks)		
	(ii) L	ist the advantages of CGI scripting?	(2 marks)
(C	(C) (i) A web server is a piece of software that enables a website to be viewed using HTTP. Discuss some advantages of using a web server within your development environment? (3marks)		
(ii) Whenever you view a web page on the internet, you are red from a web server. When you type a URL into your browser yo requests the page from the web server and the web server sen with the aid of a diagram support this statement.			owser