



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

CONTINENTAL COLLEGE LEARNING CENTER

University Examinations 2013/ 2014

COURSE CODE: IIT 3114

COURSE TITLE: HTML PROGRAMMING and INTERNET TOOLS

DATE: AUGUST 2013

TIME: 2 HOURS

INSTRUCTIONS

This paper contains FIVE questions

Answer question one (compulsory) and ANY other two questions

Answer the questions on the booklet provided

QUESTION ONE (30 MARKS)

- (a) Define the following terms. (5 marks)
- (i) e-mail
 - (ii) Browser
 - (iii) ISP
 - (iv) Hyperlink
 - (v) Intranet
- (b) Mention **five** internet services (5 marks)
- (c) Explain any three protocols (6 marks)
- (i) FTP
 - (ii) TCP
 - (iii) HTTP
- (d) Outline any **six** closed HTML tags. (6 marks)
- (e) In a network each and every computer has an IP address. Define an IP address and explain its work. (1 marks)
- (f) State three advantages of e-mail (2 marks)
- (g) Explain the concepts of WWW and Internet. (2 marks)
- (h) Outline three professional web design issues. (3 marks)

Question two 20

- a) Write short notes on your understanding of the following acronym in Web design and development (8marks)
- i. Mime
 - ii. CSS
 - iii. FTP
 - iv. SGML
- b) Comments are generally good practice in programming, show how multi line and single line commenting is done (2marks)
- c) Write a syntax for creating a frameset in programming (2marks)

- d) Daniel a Programmer with PeopleSoft Solution in Nairobi was told to develop a login explain any four form elements he should consider 8marks

QUESTION Three (20 MARKS)

- (a) Outline **three** java script message boxes. (3 marks)
(b) Write the HTML code to display the table below: (3 marks)

<ul style="list-style-type: none">• First item on the list• Second item on the list• Third item on the list

- (c) Distinguish between a web page and a website. (2 marks)
(d) Prepare an application form to accept your bio-data using HTML. Details such as Name, Address, Nationality, Sex, Hobbies, etc. should be entered. (8 marks)
(e) Explain four negative impacts of Internet technology. (4 marks)

QUESTION four (20 MARKS)

- (a) Using an example explain the parts of a hyperlink. (4 marks)
(b) Explain common HTML table tags. (4 marks)
(c) Outline six HTML input type elements used in forms. (6 marks)
(d) Write a java script show a greeting message “How are you” upon clicking a button. (6marks)

QUESTION Five (20 MARKS)

(a) Briefly discuss the history of the Internet. (6 marks)

(b) Distinguish between client side scripting and server side scripting. (6 marks)

(c) Write HTML code to create a web page about your University or school and save it with the name University. Prepare another web page with the address and other details of the University or school and save it with the name Address. Now create a link in the web page University or school to link to the web page Address. (8 marks)