



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS AND INNOVATION SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
ADMINISTRATION (FINANCE OPTION)
3RD YEAR 1ST SEMESTER 2013/2014 ACADEMIC YEAR
KISUMU LEARNING CENTRE

COURSE CODE: SCS 306

COURSE TITLE: INTERNET COMPUTING

EXAM VENUE: **STREAM: (BBA (FINANCE))**

DATE: 15/04/14 **EXAM SESSION: 9.00 – 11.00 AM**

TIME: 2.00 HOURS

Instructions:

- 1. Answer question 1 (Compulsory) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

Question one (30 marks):

- a) Identify and state the functions of the three parts of URL comprises. (6 Marks)
- b) Give your understanding of a web based application (4 Marks)
- c) Enumerate four examples of Web Base Applications (4 Marks)
- d) Give four justifiable reasons why we need Web Based Applications (6 Marks)
- e) Briefly explain ISP as it relates to Internet computing and name any **four** ISPs (3 Marks)
- f) Describe **two** methods of viewing e-mail messages. (2 marks)
- g) Name and explain five requirements for connecting to the Internet? (5 Marks)

QUESTION TWO (20 MARKS)

- a) Explain or show the result of the following HTML codes/tags in a web browser (9 marks)
 - (i) `<h1>Level 1 heading</h1>`
`<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)
 - (iv) `<hr>` (1 mark)
 - (v) ``
`Mary`
`John`
`` (1 mark)
 - (vi) ``
`Mary`
`John`
`` (1 mark)
 - (vii) `<table border="1">`
`<tr>`
`<td>row 1, cell 1</td>`
`<td>row 1, cell 2</td>`
`</tr>`
`<tr>`

<td>row 2, cell 1</td>

<td>row 2, cell 2</td>

</tr>

</table>

(2 marks)

(viii) <form>

First name: <input type="text" name="firstname" />

Last name: <input type="text" name="lastname" />

</form>

(1 mark)

b) Briefly define the term Internet

(2 marks)

c) List and briefly describe Six of the known computer crimes

(9 marks)

QUESTION THREE (20 Marks)

a) Internet is prone to security challenges, to address these challenges; computer experts have introduced Computer Forensic. Briefly explain the terms **Computer Security** and **Computer Forensic** in relation to internet. List five of the challenges that would affect internet services. (7 marks)

b) Discuss the impact of the internet on business, healthcare and education (7 marks)

c) Name four protocols commonly used on the internet and state their functions

(6 marks)

QUESTION FOUR (20 Marks)

a.) Briefly explain what is meant by search engines and how they are used; give at four examples (6 marks)

b.) Discuss the TCP/IP Protocol suite (3 marks)

c.) Explain the term Ethics as applied to internet usage (3 marks)

d.) A printing press company is planning to set up internet in all its department so as to improve CRM and service delivery. Explain any **four** internet costs the company is likely to incur (8 marks)

QUESTION FIVE (20 Marks)

a) What is the difference between TCP and UDP? (2 marks)

b) What is Search Engine? (2 marks)

c) (i) What is a Web browser? (2 marks)

(ii) Name any **four** web browsers you know? (2 marks)

d) With the aid of a diagram discuss any three network topologies/configurations?

(6 marks)

e) Discuss the following in the context of internet security

(6 marks)

i.) Encryption

ii.) Firewalls

iii.) protocols