

MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

UNIVERSITY ORDINARY EXAMINATION

2021/2022 ACADEMIC YEAR

SECOND YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF

SCS 057- INTERNET APPLICATION

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

- 1. Answer question one and any other two
- 2. Mobile phones are not allowed in the examination room.
- 3. You are not allowed to write on this examination question paper.

QUESTION ONE (30 MARKS)

a)	Expl	ain the briefs	
	i.	XHTML.	(2 mks)
	ii.	URLS.	(2 mks)
	iii.	HTML.	(2 mks)
b)	Expla	in the uses of the following tag as used in internet applica	tion
	i.	<title>.</td><td>(2 mks)</td></tr><tr><td></td><td>ii.</td><td><STYLE>.</td><td>(2 mks).</td></tr><tr><td></td><td>iii.</td><td><LINK></td><td>(2 mks)</td></tr><tr><td>c)</td><td>What</td><td>is the relation between.</td><td>(4 mks)</td></tr><tr><td></td><td>i.</td><td>The Web and the Internet</td><td></td></tr><tr><td></td><td>ii.</td><td>HTTP and TCP/IP?</td><td></td></tr><tr><td>d)</td><td colspan=4>d) Write a HTML script which displays the following on a web browser with a green background</td></tr><tr><td></td><td>color</td><td></td><td>(6 mks)</td></tr><tr><td></td><td></td><td>Web page</td><td></td></tr><tr><td></td><td></td><td>- □ X</td><td></td></tr><tr><td></td><td></td><td>MV First Heading</td><td></td></tr><tr><td></td><td></td><td>My first paragraph</td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td>e)</td><td>Write</td><td>a HTML script that output the ordered list of 5 fruits.</td><td>(4marks)</td></tr><tr><td>f)</td><td>High</td><td>ight four internet security vulnerabilities.</td><td>(4marks)</td></tr><tr><td></td><td>-</td><td>•</td><td></td></tr></tbody></table></title>	

QUESTION TWO (20 MARKS)

Write a programme that would create the table and the data below. Use the CSS boarder property to add a boarder to the table. (14 mks)

Company	Contact	Country
Alfred's futtler/Kiste	Maria Anders	Germany
Centro commercial	Francisco charge	Mexico
Montezuma		
Erust Hander	Roland Medel	Austria
Island Trading	Hellen Bennett	UK
Lawhing Bachces	Yoshi Tannamuri	Canada
Wine cellars		
Magazine Alimentari Riuntii	Giovanni	Reveille Italy

b) Distinguish between a webserver and a browser (6 mks)

c) highlight four difference between JavaScript and Java. (2marks)

QUESTION THREE (20 MARKS)

a) What are the basic design consideration to be followed which creating web pages. (5 mks)

b) Write a brief history of internet development noting the major milestones to date. (5 mks)

c) With the aid of examples describe 5 types of operations used in JavaScript. (10 mks)

QUESTION FOUR (20 MARKS)

a) Write HTML code to produce the form below. (12 mks)

FIRST NAME	LAST NAME	AGE
JILL	FIRST NAME	50
		¬
EVE	JACKSON	94

b) Cascading style sheet (CSS) Is a style sheet language to describe the presentation semantics (the book and formatting) of a document written in a mark-up language. With its many advantages there are some noted limitations of the current capabilities of CSS. State and explain four limitations of CSS (8 mks)