



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

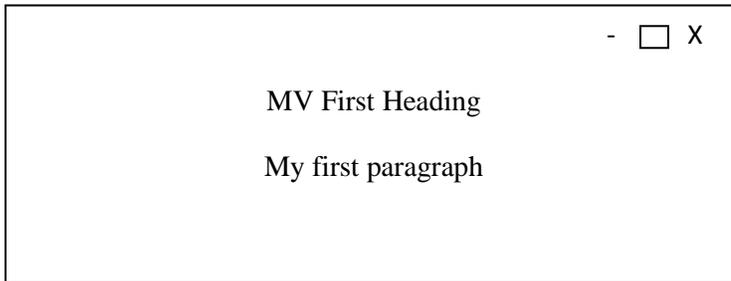
INSTRUCTIONS TO CANDIDATES:

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) Explain the briefs
 - i. XHTML. (2 mks)
 - ii. URLS. (2 mks)
 - iii. HTML. (2 mks)
- b) Explain the uses of the following tag as used in internet application
 - i. <TITLE>. (2 mks)
 - ii. <STYLE>. (2 mks).
 - iii. <LINK> (2 mks)
- c) What is the relation between.
 - i. The Web and the Internet (4 mks)
 - ii. HTTP and TCP/IP?
- d) Write a HTML script which displays the following on a web browser with a green background color. (6 mks)

Web page



- e) Write a HTML script that output the ordered list of 5 fruits. (4marks)
- f) Highlight four internet security vulnerabilities. (4marks)

QUESTION TWO (20 MARKS)

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

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