



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF COMPUTING AND INFORMATION TECHNOLOGY

DEPARTMENT OF INFORMATION TECHNOLOGY

UNIVERSITY ORDINARY EXAMINATION

2021/2022 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATION FOR BACHELOR OF

BBIT, BSc IT, BSc CS, BSc CT, BMCS, BASP, BHOSP, BSc SE, BAS, BMLS,
BCH, BEVH, BA CHEM, BICHEM, BEE, B TECH EE, BME, BTECH ME, BCSS,
BDIT, BED SC, BSC EP, BLC, BJM,

SIT 100– INTRODUCTION TO COMPUTER APPLICATION

DURATION: 2 HOURS

INSTRUCTIONS TO CANDIDATES:

1. Answer question One and Any Other Two questions.
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) With an example in each case, differentiate the following terms as used in Computer system.
 - i. Application software from system software (2 Mks)
 - ii. Cold from warm booting (2 Mks)
- b) Describe four main features that affect performance of a computer system (4 Mks)
- c) Differentiate impact from non- impact printers. (4 Mks)
- d) Describe three main routes used by devices to communicate with the motherboard of a central Processing Unit. (6 Mks)
- e) Describe the steps of inserting an automatic table of contents (TOC) in a word processing document. (4 Mks)
- f) Describe how one would retrieve deleted items from recycle bin. (4Mks)
- g) Differentiate between sorting and filtering as used in spread sheet programs (4 Mks)

QUESTION TWO (20 MARKS)

- a) i) Explain the difference between graphical user interface(GUI) and command Line interface (CLI). (2 Mks)
- ii) Between GUI and CLI, which one is used by windows? (1 Mks)
- b) The operating system is the heart of the computer that needs to be loaded first before any other program is loaded. In regards to this discuss any three functions of an operating system. (6Mks)
- c) The World Wide Web (WWW) is a global system of connected web pages that provides services to its users. Explain three internet services provided on the web. (6 Mks)
- d) Explain the procedures followed to carry out a mail merge in a word processor document. (5 Mks)

QUESTION THREE (20 MARKS)

a) Consider the spear sheet below and answer the questions that follow. In each match a team may win, lose or draw. A win scores 3 paints, a draw scores I point and a loss score O point.

A	B	C	D	E	F	G
1.	PREMIER LEAGUE TABLE					
2.	TEA M	WON	DRAWM	LOST	PLAYED	POINTS
3.	Chelse a	5	3	1	9	
4.	Man U.	4	4	2	10	
5.	Arsen al	3	6	0	9	15
6.	Man City	2	6	1	9	
7.	Liver pool	1	7	2	10	
8.						

Required

- i. Write down a function to input into cell F8 that calculates the number of games played by the teams. (2 mks)
 - ii. Write down the formula of input into cell G3 to calculate the number of points scored by Chelsea team (3 mks)
 - iii. Write down the function to input into cell D8 to calculate the average number of drawn matches in the league. (2 mks)
- b) Using examples distinguish between formulas and functions as used in Microsoft excel. (2 mks)

- c) System software normally provides the user with facilities that make the job of developing programs or doing something useful on the computer much easier with the support of utility programs. Discuss three utility programs citing their use in a computer system. (5 mks)
- d) Differentiate the following.
- i. Footnote and Endnote
 - ii. Foote and header
 - iii. Bookmark and format painter (6 mks)

QUESTION FOUR (20 MARKS)

- a) i) You have been asked to prepare a customized template for your company to be used by all the sales representatives during marketing. Define master slide and explain the Process of creating master slide with the company colors and logo. (6 mks)
- ii) Describe the difference between slide transition and animation. (3 mks)
- b) i) Define computer software (1 mk)
- ii) Explain six characteristics of computer software (6 mks)
- c) Explain what each of the short-cut keys below does in Windows
- i. Window Key +D
 - ii. Alt+F4
 - iii. F8
 - iv. Shift + Delete (4 mks)



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF.....

DEPARTMENT OF.....

UNIVERSITY WRITTEN ASSESSMENT

ACADEMIC YEAR.....
.....YEAR.....SEMESTER ASSESSMENT FOR.....

UNIT CODE.....

UNIT TITLE.....

DURATION.....

INSTRUCTION TO CANDIDATES:

1. Answer ALL questions in Section A and B and any other TWO questions in Section C
2. Mobile phones are not allowed in the examination room.
3. You are not allowed to write on this examination question paper.

Section A: This constitutes 10 multiple choice questions of 10 marks.

Section B: This constitutes 5 short answer questions of 4 marks totaling 20 marks.

Section C: This constitutes 3 questions of 20 marks each and a candidate chooses 2 questions.

The entire assessment is scheduled for 2 hours and has a total of 70%.



MURANG'A UNIVERSITY OF TECHNOLOGY

SCHOOL OF BUSINESS AND ECONOMICS

DEPARTMENT OF COMMERCE

UNIVERSITY ORDINARY EXAMINATION

2020/2021 ACADEMIC YEAR

.....YEAR..... SEMESTER EXAMINATION FOR, BACHELOR OF
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APH 101– MECHANICS

DURATION: 2 HOURS

Instructions to candidates:

4. Answer question One and Any Other Two questions.
5. Mobile phones are not allowed in the examination room.
6. You are not allowed to write on this examination question paper.

SECTION A: ANSWER ALL QUESTIONS IN THIS SECTION

QUESTION ONE (30 MARKS)

SECTION B – ANSWER ANY TWO QUESTIONS IN THIS SECTION

QUESTION TWO (20 MARKS)

QUESTION THREE (20 MARKS)

QUESTION FOUR (20 MARKS)