MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

FIRST-YEAR FIRST SEMESTER

SCHOOL OF SCIENCE AND INFORMATION SCIENCES

BACHELOR OF SCIENCE (INFORMATION SCIENCE, COMPUTER SCIENCE, MATHEMATICS, CHEMISTRY, PHYSICS)

COURSE CODE: COM 1103-1

COURSE TITLE: INTRODUCTION TO COMPUTER AND COMPUTING

DATE: 04-04-2022   **TIME: 0830 - 1030**

INSTRUCTIONS

- Answer Question ONE and any other TWO

SECTION – A
QUESTION ONE (COMPULSORY 30 MARKS)

a) Compare the first and second generation of computers?　　　(Marks 6)
b) Briefly explain two main components of computer system.　　　(Marks 2)
c) Explain and SIX usage of Computer System in daily life.　　　(Marks 6)
d) What do you understand by paperless environment and Borderless communication as impact of ICT on Society?　　　(Marks 4)
e) Differentiate between computer Hardware and Software.　　　(Marks 2)
f) Specify the various Input and Output devices?　　　(Marks 4)

g)What are the social problems of computer?　　　(Marks 4)
h) Briefly explain the health challenges during the use of computer and explain their solutions.　　　(Marks 2)

SECTION – B

QUESTION 2

a) Explain any SIX commandments of computer ethics?　　　(Marks 6)
b) Describe any SIX guidelines on the email and internet usage?　　　(Marks 6)
c) What do you understand by unethical computer code of conducts?　　　(Marks 4)
d) What is an antivirus and how it protect your computer from viruses?　　　(Marks 4)

QUESTION 3

a) Briefly explain the difference between ethics and law.　　　(Marks 4)
b) How Software Piracy is a big challenge in software industries?　　　(Marks 4)
c) Compare unethical and law breaking conducts.　　　(Marks 4)
d) What do you understand by uploading?　　　(Marks 2)
e) Briefly explain the concept of cryptography.　　　(Marks 6)

QUESTION 4

a) Briefly explain Application Software, Systems Software and Utility software.
　　　(Marks 6)

b) Discuss any two types of optical storage devices.　　　(Marks 2)
c) What do you understand by Cloud Storage?　　　(Marks 4)
d) Discuss what storage units are. What are the types of storage units? Describe the characteristics of the storage units.　　　(Marks 6)
e) What are the solutions of data protection?　　　(Marks 2)

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