



MAASAI MARA UNIVERSITY

UNIVERSITY EXAMINATIONS 2021/2022 (REGULAR)

QUESTION PAPER

SCHOOL OF SCIENCE AND INFORMATION SCIENCES

**UNIVERSITY EXAMINATIONS FOR THE DEGREE OF BACHELOR OF
SCIENCE (INFORMATION SCIENCE, COMPUTER SCIENCE,
MATHEMATICS, CHEMISTRY, PHYSICS)**

FIRST-YEAR FIRST SEMESTER EXAMINATION

COURSE CODE: COM 1103-1

COURSE TITLE: INTRODUCTION TO COMPUTER AND COMPUTING

DATE: 04-04-2022

TIME: 08.30 - 10.30 HRS

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)