



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN COMMUNITY HEALTH,
DISASTER MANAGEMENT**

1ST YEAR 1ST SEMESTER 2018/2019 ACADEMIC YEAR

KISUMU, KISII, NAIROBI CAMPUS

COURSE CODE: SCS 2111

COURSE TITLE: INTRODUCTION TO COMPUTER APPLICATIONS

EXAM VENUE:

DATE: 15/08/19

TIME: 2.00 HOURS

EXAM SESSION: 2.00 – 4.00pm

INSTRUCTION

- 1. Answer question ONE (compulsory) and ANY other TWO question**
- 2. Candidates are advised not write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE 30 MARKS

- a) Define the following terms:
 - i) Computer (2 marks)
 - ii) Word processor (2 marks)
 - iii) Spreadsheet (2 marks)
 - iv) Operating system (2 marks)
- b) Differentiate between RAM and ROM (4 marks)
- c) Name two types of RAM and explain their differences (4 marks)
- d) Explain four characteristics of ROM (4 marks)
- e) Differentiate between hardware and software and give two examples in each (6 marks)
- f) Discuss five characteristics of computers (4 marks)

QUESTION TWO 20 MARKS

- a) Computers have evolved through many generations over the years in the society. State and explain the generations the computers have evolved through (5 marks)
- b) Explain the importance of the following to individual (5 marks)
 - i) Word processing application (MS Word)
 - ii) Spreadsheet application (Excel)
 - iii) Databases (Access)
 - iv) Presentation S/W (PowerPoint)
 - v) Desktop publishing S/W (MS Publisher)
- c) Who is referred to as the father of computers? (2 marks)
- d) Differentiate among the various types of software
- e) Name Any 3 input and 2 output devices (5 marks)
- f) Define a bit and describe how a series of its represents data (3 marks)

QUESTION FOUR 20 MARKS

- a) What is the difference between warm boot and cold boot? (4 marks)
- b) In computer hardwares we have input devices and output devices, what are they and give two examples in each (6 marks)
- c) Explain six benefits of Database to store information (6 marks)
- d) Identify the various types of computer users (4 marks)

QUESTION FIVE 20 MARKS

- a) Name two types of monitors and explain their differences (4 marks)
- b) Explain the difference between system software and application software (4 marks)
- c) Computers have evolved through many generations over the years in the society. State and explain the first four generations the computers have evolved through (12 marks)