



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

UNIVERSITY EXAMINATION FOR THE DEGREE OF DIPLOMA IN BUSINESS

ADMINISTRATION

1ST YEAR 2ND SEMESTER 2017/2018 ACADEMIC YEAR

NAIROBI CITY LEARNING CENTRE

COURSE CODE: SCS 2111

COURSE TITLE: INFORMATION TECHNOLOGY

EXAM VENUE:

STREAM:

DATE:

EXAM SESSION:

TIME:

INSTRUCTIONS:

- 1. Answer Question One and any other Two Questions**
- 2. Candidates are advised not to 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) Differentiate between the following terms: (8marks)
- i) Volatile and Non-Volatile memory
 - ii) Software and hardware
 - iii) System software and application software
 - iv) Warm boot and cold boot
- b) Explain four characteristics of a ROM (4marks)
- c) Differentiate between a word processor and a spreadsheet (4marks)
- d) State and explain four measures against computer viruses. (4marks)
- e) Explain clearly five characteristics of computers (10marks)

QUESTION TWO

- a) Explain four characteristics of RAM (4marks)
- b) Outline the importance of quality information in a business (6marks)
- c) Computers have evolved through many generations over the years in the society. State and explain the five generations the computers have evolved through (10marks)

QUESTION THREE:

- a) What is internet (2marks)
- b) Give four symptoms of computer virus infection (4marks)
- c) List four requirements for connecting to the internet in the society (4marks)
- d) Draw and explain the Computer units interaction diagram (10marks)

QUESTION FOUR:

- a) Discuss the negative impacts of IT in the society today. (10marks)
- b) State and explain four classifications of computers based on their capacity, prize and size (10marks)

QUESTION FIVE:

- a) State and explain any four types of computer networks we have in the society today (4marks)
- b) Explain three functions played by Central Processing Unit (CPU)/Processor (6marks)
- c) You have been asked by your company manager to assist them to purchase some computers. Explain what five factors you would consider when purchasing them. (10marks)