

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION 2016**

SCS 2111 : INTRODUCTION TO COMPUTERS AND APPLICATIONS

**CERTIFICATE
MAIN EXAM QUESTIONS**

DATE: 15/12/2016

TIME: 11:30 am- 1pm

INSTRUCTIONS: Answer Question One and any other Two Questions

QUESTION ONE: (Compulsory)

- a) Define the following terms: (10 marks)
 - i) Computer
 - ii) Internet
 - iii) E-mail
 - iv) Hardware
 - v) Software
- b) Name and differentiate two types of monitors (4 marks)
- c) Name four computer components and its functionality (8 marks)
- d) Differentiate between RAM and ROM (4 marks)
- e) Give four symptoms of computer virus infection (4 marks)

QUESTION TWO

- a) Discuss various advantages and disadvantages of computers in business sector (10 marks)
- b) State and explain four classifications of computers based on their capacity, price and size (10 marks)

QUESTION THREE

- a) Discuss five characteristics of computers. (10 marks)
- b) Draw and explain the Computer units interaction diagram (10 marks)

QUESTION FOUR

Computers have evolved through many generations over the years. State and explain the five generations the computers have evolved through (20 marks)

QUESTION FIVE:

- a) Name three examples of input devices and three of output devices (6 marks)
- b) Give the meaning of the following shortcut keys (10 marks)
 - i) Ctrl+S
 - ii) Ctrl+X
 - iii) Ctrl+V
 - iv) Ctrl+Z
 - v) Ctrl+A
- c) Differentiate between system software and application software, give one examples in each. (4 marks)