

JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
UNIVERSITY EXAMINATION 2013 / 2014

SEMESTER EXAMINATION FOR DEGREE OF BACHELOR OF EDUCATION:
ARTS / SNE

KISII LEARNING CENTRE

DATE: DECEMBER 2013

DURATION: 2 HOURS

COURSE CODE: SCS 101

TITLE: INTRODUCTION TO COMPUTERS

Instructions:

- i. Answer question one (Compulsory) and any other two questions
- ii. Write all your answers in the answer booklet provided

QUESTION ONE (Compulsory 30 marks)

- a. Define the following terms as used in computing (6 marks)
- i. Computer
 - ii. Hardware
 - iii. Software
- b. Outline the various forms of information that can be processed by a computer (5 marks)
- c. iii. Explain five uses of a computer (5 marks)
- d. Explain three advantages and three disadvantages of computer use (6 marks)
- e. i. What is a word processor (2 marks)
- ii. List three word processors (3 marks)
- f. State three types of computers classified according to Size (3 marks)

QUESTION TWO

- a. Diagrammatically discuss a computer system under the following headings: (12 marks)
- i. Functional/ logical parts of computer system
 - ii. Physical parts of a computer system
- b. Explain the following modes of operating system (8 marks)
- i. Real-time
 - ii. Multi-user
 - iii. Distributed system
 - iv. Embedded

QUESTION THREE

- a. List three advantages and three disadvantages of Using a Word Processor (6 marks)
- b. Explain the following terms as used in word processing (6 marks)

- i. Word wrap
 - ii. Page numbering
 - iii. Sort and filter
- c. Define CPU and discuss the parts of a CPU (6 marks)
- b. Differentiate between computer hardware and software (2 marks)

QUESTION FOUR

- a. Define computer software and discuss the four broad categories of computer software giving one example for each category (10 marks)
- b. Outline the storage capacities as used in computer systems (4 marks)
- c. Explain the following system softwares (6 marks)
- i. device drivers
 - ii. operating systems
 - iii. utilities, and

QUESTION FIVE

- a. Outline four functions of operating systems (4 marks)
- b. Explain three types of application software stating an example for each (6 marks)
- c. Explain the following computer technologies (6 marks)
- i. Analog Computers
 - ii. Digital Computers
 - iii. Hybrid Computers
- d. State two alignment methods used in a word document (2 marks)
- e. Explain the following terms as used in word processing (2 marks)
- i. word wrap
 - ii. print