



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS

**UNIVERSITY EXAMINATION FOR THE DIPLOMA IN BUSINESS
ADMINISTRATION**

1ST YEAR 2ND SEMESTER 2014/2015 ACADEMIC YEAR

Special resist

MAIN CAMPUS

COURSE CODE: SCS 2111

COURSE TITLE: INFORMATION TECHNOLOGY

EXAM VENUE: LAB 1

STREAM: DIPLOMA

DATE: 05/05/16

EXAM SESSION: 9.00 – 10.30 AM

TIME: 1.30 HOURS

INSTRUCTIONS:

- 1. Answer Question 1 (Compulsory) 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) Define the following terms: (6marks)
 - i) Word processor
 - ii) Spreadsheet
 - iii) Operating system
- b) Give the meaning of the following shortcut keys (4marks)
 - i) Ctrl+X
 - ii) Ctrl+V
 - iii) Ctrl+Z
 - iv) Ctrl+A
- c) What is the difference between warm boot and cold boot? (4marks)
- d) Name two types of RAM and explain their differences (4marks)
- e) Explain four characteristics of ROM (4marks)
- f) Differentiate between hardware and software and give two examples in each (4marks)
- g) Discuss four characteristics of computers (4marks)

QUESTION TWO (20 MARKS)

- a) Computers have evolved through many generations over the years in the society. State and explain the first four generations the computers have evolved through (10 marks)
- b) Discuss five characteristics of computers. (10 marks)

QUESTION THREE: (20 MARKS)

- a) Explain three functions played by Central Processing Unit (CPU)/Processor (6marks)
- b) State and explain four classifications of computers based on their capacity, prize and size (10marks)
- c) State two types of RAM, and explain Two characteristics of a RAM (4marks)

QUESTION FOUR (20 MARKS)

Explain the relevance of the following computer applications to purchasing and supplies management.

- (i) Word processor (10mks)
- (ii) Spreadsheets and excel (10mks)

QUESTION FIVE (20 MARKS)

- (a)What is a Multimedia System? (2mks)
- (b) Identify **FOUR** key characteristics of a Multimedia System? (4mks)
- (c) Describe **FOUR** hardware or software features that a Multimedia System should possess. (8mks)
- (i) Explain **SIX** disadvantages of using information technology in business transactions. (6mks)