



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

**SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS**

**UNIVERSITY EXAMINATION FOR THE DEGREE IN BSC.AGRI-BUSINESS.**

**2016/2017 ACADEMIC YEAR**

---

**COURSE CODE: SCS 101**

**COURSE TITLE: INTRODUCTION TO COMPUTERS**

**EXAM VENUE: STREAM: BA Int. Relations and Diplomacy - eLearning**

**DATE: EXAM SESSION: APRIL 2017**

**TIME: 2.00 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 in relation to computer applications. (5 marks)
- i. Computer
  - ii. Software
  - iii. Processor
  - iv. Hardware
  - v. Peripherals
- b) Briefly the approaches one can use to delete a file in Microsoft Windows. (3 marks)
- c) Discuss three potential benefits of computerizing an organization (6 Marks)
- d) Describe any three input devices (6 Marks)
- e) Discuss any three disadvantages of using the Internet (6 Marks)
- f) Explain two circumstances, conditions or situations that have potential to cause loss or harm to computer system? (4 Marks)

### QUESTION TWO 20 MARKS

- a) Explain the difference between Application Software and system software. (4 Marks)
- b) Explain the functions of any three types of Application Software, (6 Marks)
- c) Explain any two functions of an operating system. (4 marks)
- d) Discuss any three advantages of an electronic spreadsheet over a book ledger. (6 Marks)

### QUESTION THREE 20 MARKS

- a) Distinguish the following
- i. Random Access Memory and Read only memory
  - ii. Hardcopy output and softcopy output
  - iii. Impact printer and non-impact printer (6 marks)
- b) Describe three types of computers based on size and processing power.

- (6 marks)
- c) Explain the following terms as used in word processing (8 marks)
- i. Word wrap
  - ii. Indentation
  - iii. Sort and filter
  - iv. Alignment

#### **QUESTION FOUR 20 MARKS**

- a) Explain in brief the various generations in computer technology (10 Marks)
- b) Using a diagram explain structure of computer organization architecture (10 Marks)

#### **QUESTION FIVE 20 MARKS**

- a) Explain the importance of networking computers within an organization. (4 marks)
- b) Explain any three ways of securing electronic files that are stored in a personal computer. (6 marks)
- c) Write steps followed in doing the following; (4 Marks)
- i. Creating a folder on the desktop
  - ii. Retrieving a file from ***My Documents***
- d) Discuss the importance of the following found on the Internet (6 marks)
- i. World Wide Web
  - ii. Email
  - iii. Search Engine

