



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS**  
**UNIVERSITY EXAMINATIONS FOR THE CERTIFICATE OF PUBLIC HEALTH**  
**AND COMMUNITY DEVELOPMENT**  
**1<sup>ST</sup> YEAR, 1<sup>ST</sup> SEMESTER 2016/17 ACADEMIC YEAR**  
**NAMBALE CAMPUS**

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**COURSE CODE: SCS 1111**

**COURSE UNIT: INTRODUCTION TO COMPUTERS**

**EXAM VENUE: NAMBALE CAMPUS**

**DATE: DECEMBER, 2016**

**TIME: 2 HOURS**

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Instructions

1. Answer question one (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 examinations room

### QUESTION ONE

- A. Name and explain FIVE characteristics of a computer 10 marks
- B. Define the term software and name and explain two types of software 5 marks
- C. Names and explain FIVE major software applications that are commonly used in this generation. 5 marks
- D. Name FIVE types of computers 5 Marks
- E. Define the term computer and explain why it is referred to as a system? 5 marks

### QUESTION TWO

- A. Give short notes on the following
- i. A processor
  - ii. Storage device
  - iii. Keyboard
  - iv. Computer memory
  - v. Bits. 10marks
- B. Using a diagram discuss the architecture of a computer. 5 marks
- C. State three advantages and two disadvantages of computers used in any organization. 5 marks

### QUESTION THREE

- Explain why application software are referred to as high level languages 6 marks
- State the process of creating a folder within a folder 4 marks
- Discuss the following terms
- i. Operating system
  - ii. Utility software
  - iii. Presentation application software 6 marks
- Differentiate between warm booting and cold booting 4marks

### QUESTION FOUR

- Your brother is having a flash disk and he has just finished typing his assignment but he does not know the procedure of saving his work in it. You are requested to inform him how to save. Outline the steps that are involved in the process. 10 marks
- Discuss factors to consider while choosing a hardware 10 marks

### QUESTION FIVE

- Define the following terms
- i. Intranets and Extranets
  - ii. Uploading and downloading data

iii. Client and servers

10 marks

Define the term network and then discuss three major types of networks include

10 marks