



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

**School of Informatics and Innovative Systems**

**Bsc- Computer Forensics and Audit**

**Course Code: IIT 3111**

## **COURSE TITLE: INTRODUCTION TO COMPUTERS**

### **INSTRUCTIONS**

1. This paper contains FIVE questions. Question One is 30 Marks and the rest are 20 Marks each.
2. Answer question one which is COMPULSORY and ANY OTHER TWO
3. Be precise and clear in your answers.

**Question One 30marks**

- a). what are the fundamental concepts of computers ( 10 marks)
- b). Describe the number systems and internal data representation in a computer. ( 10 marks)
- c) Discuss the salient hardware components you know ( 10 marks)

**Question two 20marks**

- a) Describe the hardware architecture ( 10 marks)
- b) . Highlight the Different Types of Computers available ( 10 marks)

**Question Three 20marks**

- a) Explain the Features of a Database ( 10 marks)
- b) Describe how memory is managed in a computer system ( 10 marks)

**Question Four 20marks**

- a) Discuss Five types of operating systems ( 10 marks)
- b) Explain different types of networks in information Systems ( 10 marks)

**Question Five 20marks**

- a) Outline any Five Web browsers 10marks
- b) Discuss Four types of softwares in the market 10marks