GARISSA UNIVERSITY

UNIVERSITY EXAMINATION 2017/2018 ACADEMIC YEAR <u>ONE</u> <u>THIRD</u> SEMESTER EXAMINATION

SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCE

FOR THE CERTIFICATE IN INFORMATION TECHNOLOGY

COURSE CODE: CIT 101

COURSE TITLE: INTRODUCTION TO COMPUTERS

EXAMINATION DURATION: 2 HOURS

DATE: 06/08/18   **TIME: 9.00-11.00 AM**

INSTRUCTION TO CANDIDATES

- **The examination has SIX (6) questions**

- **Question ONE (1) is COMPULSORY**

- **Choose any other TWO (2) questions from the remaining FIVE (5) questions**

- **Use sketch diagrams to illustrate your answer whenever necessary**

- **Do not carry mobile phones or any other written materials in examination room**

- **Do not write on this paper**

This paper consists of TWO (2) printed pages   *please turn over*

QUESTION ONE (COMPULSORY)

a) Differentiate between cold and warm booting. [4 Marks]

b) State and explain any two characteristics of each of five generation of computers [10 Marks]

c) Explain the characteristics of microcomputers [6 Marks]

d) What are the five functions of computer control unit [5 Marks]

QUESTION TWO

a) Differentiate between ROM and RAM types of memories [4 Marks]

b) Explain the functional units of a computer system [8 Marks]

c) Differentiate between hardware and software [3 Marks]

QUESTION THREE

a) Explain any five factors to be considered when choosing computer software [10 Marks]

b) Give the functions of computer system [5 Marks]

QUESTION FOUR

a) State and explain the functions of four parts of mouse [8 Marks]

b) Outline the steps of removing programme from a computer [7 Marks]

QUESTION FIVE

a)State and explain the need for computer networking [10 Marks]

b) What are the benefits of using internet [5 Marks]

QUESTION SIX

a) Explain any five impacts of computer to society [10 Marks]

b) State any five computer crimes [5 Marks]