

## **GARISSA UNIVERSITY**

## UNIVERSITY EXAMINATION 2017/2018 ACADEMIC YEAR ONE THIRD SEMESTER EXAMINATION

SCHOOL OF EDUCATION ARTS AND SOCIAL SCIENCE

FOR THE DEGREE OF BACHELOR OF EDUCATION ARTS

**COURSE CODE: SAS 102** 

COURSE TITLE: INTRODUCTION TO COMPUTERS AND COMPUTER LITERACY

**EXAMINATION DURATION: 2 HOURS** 

DATE: 08/08/18 TIME: 2.00-4.00 PM

## **INSTRUCTION TO CANDIDATES**

- The examination has FIVE (5) questions
- Question ONE (1) is COMPULSORY
- Choose any other TWO (2) questions from the remaining FOUR (4) 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) Define the following:	[12 Marks]
i. Folder	
ii. File	
iii. Software	
iv. Windows	
v. Computer	
b) Explain four characteristics of computers.	[8 Marks]
c) How are computers classified	[4 Marks]
d) Explain the classification of computers.	[6 Marks]
QUESTION TWO	
a) What are the advantages of computers over humans?	[10 Marks]
b) Explain different applications of computers.	[5 Marks]
c) Explain the different hardware units of a computer system.	[5 Marks]
QUESTION THREE	
a) Describe how information is stored in computers.	[5 Marks]
b) What are the factors considered when buying a computer?	[4 Marks]
c) What are the trends in computer technology?	[6 Marks]
d) With the aid of a diagram, describe how computer units interact.	[5 Marks]
QUESTION FOUR	
a) Highlight the various computer storage devices.	[6 Marks]
b) Differentiate between RAM and ROM.	[7 Marks]
c) Describe Von Neumann structure.	[7 Marks]
QUESTION FIVE	
a) Giving examples, explain the classification of computer software.	[10 Marks]

Good Luck – Exams Office

[10 Marks]

b) Differentiate between digital and analog computers.