



GARISSA UNIVERSITY

UNIVERSITY EXAMINATION **2017/2018** ACADEMIC YEAR **TWO**
SECOND SEMESTER EXAMINATION

SCHOOL OF COMPUTER AND INFORMATION SCIENCE

FOR THE DEGREE OF BACHELOR OF INFORMATION TECHNOLOGY

COURSE CODE: SCD 202

COURSE TITLE: COMPUTER LITERACY

EXAMINATION DURATION: 3 HOURS

DATE: 17/04/18

TIME: 2.00-5.00 PM

INSTRUCTION TO CANDIDATES

- The examination has **SIX (6)** questions
- Question **ONE (1)** is **COMPULSORY**
- Choose any other **THREE (3)** 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) Define the following: [8 marks]
- i. computer
 - ii. Hardware
 - iii. Software
 - iv. Windows
- (b) Explain four characteristics of computers. [8 marks]
- (c) Explain classification of computers. [9 marks]

QUESTION TWO

- (a) Explain the different hardware units of a computer system. [8 marks]
- (b) With the aid of a diagram, describe how computer units interact. [7 marks]

QUESTION THREE

- (a) Giving examples, explain the classification of computer software [9 marks]
- (b) Differentiate between digital and analog computers. [6 marks]

QUESTION FOUR

- (a) Highlight the various computer storage devices [4 marks]
- (b) Differentiate between RAM and ROM. [4 marks]
- (c) Describe Von Neumann structure. [7 marks]

QUESTION FIVE

- (a) Describe how information is stored in computers [5 marks]
- (b) What are the factors considered in buying a computer [5 marks]
- (c) What are the trends in computer technology [5 marks]

QUESTION SIX

- (a) What are the advantages of computers over humans [10 marks]
- (b) Explain different applications of computers [5 marks]

