



GARISSA UNIVERSITY COLLEGE

(A Constituent College of Moi University)

**UNIVERSITY EXAMINATION 2016/2017 ACADEMIC YEAR ONE
SECOND SEMESTER EXAMINATION**

SUPPLEMENTARY/SPECIAL EXAM

SCHOOL OF COMPUTER AND INFORMATION SCIENCE

FOR THE CERTIFICATE IN INFORMATION TECHNOLOGY

COURSE CODE: DIT 001

COURSE TITLE: PRINCIPLES OF INFORMATION TECHNOLOG

EXAMINATION DURATION: 3 HOURS

DATE: 25/09/17

TIME: 09.00-12.00 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

Supplementary / special exam_

1

please turn over

Good Luck – Exams Office



QUESTION ONE (COMPULSORY)

- (a) Define the following terms
 - i. Computer Hardware [2 Marks]
 - ii. Data [2 Marks]
 - iii. Computer Software [2 Marks]
- (b) Explain any five function of Information Technology in the society [10 Marks]
- (c) Using a diagram describes any three major components of Information Technology [9 Marks]

QUESTION TWO

- (a) Explain any three characteristics of computers [6 Marks]
- (b) Explain any three kinds of system programs [9 Marks]

QUESTION THREE

- (a) Discuss any five different generation of computers [10 Marks]
- (b) State any five factors to consider before purchasing a computer in an organization [5 Marks]

QUESTION FOUR

- (a) Using illustration, describe any three network topologies [9 Marks]
- (b) Using examples State devices that make a computer hardware [6 Marks]

QUESTION FIVE

- (a) Explain any five threats to computer Security [5 Marks]
- (b) Recommend any five preventive measures to computer crimes [10 Marks]

QUESTION SIX

Discuss the impact of the internet in the society [15 Marks]

