



## GARISSA UNIVERSITY

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

SCHOOL OF BIOLOGICAL AND PHYSICAL SCIENCE  
FOR THE DIPLOMA IN INFORMATION TECHNOLOGY

COURSE CODE: DIT 007

COURSE TITLE: INTRODUCTION TO INTERNET DESIGN AND EMERGING ISSUES

EXAMINATION DURATION: 2 HOURS

**DATE: 06/08/18**

**TIME: 9.00-11.00 AM**

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### 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 terms. **[9 Marks]**
- i. Internet.
  - ii. Electronic mail.
  - iii. Home page.
  - iv. Computer virus.
- b) Identify any four types of internet connections **[8 Marks]**
- c) Describe the various services provided by the internet **[8 Marks]**

### **QUESTION TWO**

What are the advantages and disadvantages of internet today **[15 Marks]**

### **QUESTION THREE**

- a) What are the advantages of electronic mail **[10 Marks]**
- b) Define a browser and identify the most common browsers. **[5 Marks]**

### **QUESTION FOUR**

- a) What are the major risks in the internet **[7 Marks]**
- b) How do we protect our computers from the above risks **[10 Marks]**

### **QUESTION FIVE**

- a) What are the main features of e-mail **[8 Marks]**
- b) Describe the various types of internet access **[7 Marks]**

