



## GARISSA UNIVERSITY

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

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

**COURSE CODE: DIT 010**

**COURSE TITLE: MANAGEMENT INFORMATION SYSTEM**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 09/08/18**

**TIME: 2.00-4.00 PM**

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### 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 **THREE (3)** printed pages

*please turn over*



## QUESTION ONE (COMPULSORY)

- a) Define Management Information System. [2 Marks]
- b) Explain **three** types of decision and identify each at which level of management is used [9 marks]
- c) Explain **four** uses of Information System in management. [4 Marks]
- d) List and explain **four** reasons why Information Systems are so important for business today. [8 Marks]
- e) Explain the used of data dictionary in system analysis and design. [2Marks]

## QUESTION TWO

- a) Define each of the following terms as used in management information systems; [4 Marks]
  - i. Data warehouse
  - ii. Checkpoint
- b) Explain each of the following functions management: [4 Marks]
  - i. Planning;
  - ii. Controlling.
- c) Outline **four** functions of information as a resource in a management information system. [4 Marks]
- d) Outline **three** control measures that should be put in place to prevent unauthorized access to management information system files. [3 Marks]

## QUESTION THREE

- a) With the aid of a diagram, describe the system development life cycle. [10 Marks]
- b) List **three** tools and techniques used in describing the system design of a system. [3 Marks]
- c) Differentiate between Structured Methodology from Object Oriented Methodology of analysis and Design. [2 Marks]

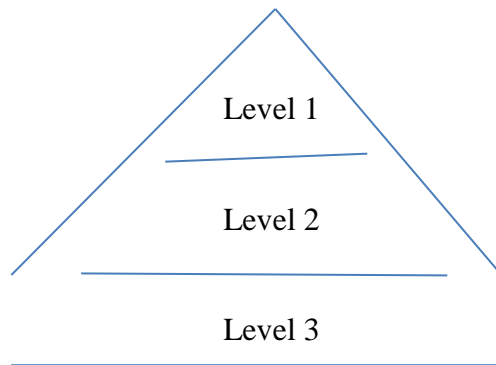
## QUESTION FOUR

- a) A large supermarket intends to acquire an inventory control information system. Outline four criteria that the supermarket could use. [4 Marks]
- b) John intends to prepare a presentation on the factors that justify the need for information system maintenance. Explain **three** factors that he is likely to mention. [6 Marks]
- c) List some **Five** new roles information systems are playing in organizations. [5 Marks]



### QUESTION FIVE

- a) Sutra intends to acquire a real time transaction processing system for her company. Explain **three** good qualities of the system she intends to acquire. **[6 Marks]**
- b) Figure 1 shows parts of an organization's management levels. Use it to answer the questions that follow.



- i. Identify the type of decisions made at each level. **[3 Marks]**
- ii. Explain three characteristics of information at level 3. **[6 Marks]**

### QUESTION SIX

- a) A business has several information systems. Explain **three** classification of information system. **[6 Marks]**
- b) Explain **three** types of systems in management information system. **[6 Marks]**
- c) State three causes of information system failure. **[3 Marks]**

