



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS & INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
ADMINISTRATION WITH IT
3RD YEAR 2ND SEMESTER 201/2016 ACADEMIC YEAR
KISII CAMPUS-PART TIME**

COURSE CODE: SCS 214

COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS

EXAM VENUE: --

STREAM: (BBA)

DATE: 21/12/16

EXAM SESSION: 2.00 – 4.00PM

TIME: 2 HOURS

Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions**
- 2. Candidates are advised not to write on the question paper.**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.**

QUESTION ONE

- a) Discuss the difficulties related to making information system flexible so that implementing future change is easier [4 Marks]
- b) Define the following terms as used in information systems;
- i) Database [2Marks]
 - ii) Data warehouse [2Marks]
 - iii) Data mining [2Marks]
- c) State the special features which differentiate Enterprise Resource Planning (ERP) form other information systems [5 Marks]
- d) Discuss the SIX objectives of an information system development methodology [3 Marks]
- e) Describe the functionality of the following information systems
- i) Transaction processing systems (TPS) [4 Marks]
 - ii) Expert System (ES) [4 Marks]
 - iii) Decision Support Systems (DSS) [4 Marks]

QUESTION TWO

- a) Define what is meant by a legacy system and explain why they should be considered when specifying new information system architecture [4 Marks]
- b) Discuss the role of the various stakeholders in an information system development project [4 Marks]
- c) Discuss the informational requirement and decisional making roles of the following levels of management
- i) Top management level [4 Marks]
 - ii) Middle management level [4 Marks]
 - iii) Lower management level [4 Marks]

QUESTION THREE

- a) Explain how information system depend upon people on their success and how their deployment affect people [8 Marks]
- b) Discuss the strength and the limitations of the traditional system development life cycle [5 Marks]

- c) Describe various ways a firms can use to assess the value of information systems projects
[7 Marks]

QUESTION FOUR

- a) In information system development, differentiate the following development methods
- i) Evolutionary development [4 Marks]
 - ii) Prototyping method [4 Marks]
 - iii) RAD [4 Marks]
- b) Discuss the reasons why there may be user resistance during the implementation of a new information systems and explain the types of remedies a firm may employ to counter this.
[8 Marks]

QUESTION FIVE

- a) For a company or a university department of your choice, how would you find out the requirements of a new information system [6 Marks]
- b) State reasons why security of data and information is a serious concern for internet users
[6 Marks]
- c) Describe FOUR available information system implementation strategies, stating there pros and cons
[8 Marks]