



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATION AND INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF BUSINESS
ADMINISTRATION**

4TH YEAR 2ND SEMESTER 2013/2014 ACADEMIC YEAR

CENTRE: MAIN

COURSE CODE: SCS 437

COURSE TITLE: INFORMATION SYSTEMS APPLICATION

EXAM VENUE: LAB 8

STREAM: (BBA)

DATE: 17/04/14

EXAM SESSION: 2.00 – 4.00 PM

TIME: 2.00 HOURS

Instructions:

- 1. Answer question 1 (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.**
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QUESTION ONE 30 MARKS

- a) What is Decision Support System (DSS) {2marks}
- b) Explain five reasons why Financial Management Information Systems projects stall/fail in developing countries? {6marks}
- c) What is an expert system, Examine the components of an expert system {8marks}
- d) Using a schematic diagram explain the concept of information systems {4marks}
- e) What are the factors that changed the primary role of Human Resource Management (HRM) from a caretaker of records to a strategic partner? {6marks}
- f) Explain four important parts of a computer based information system {4marks}

QUESTION Two 20 MARKS

- a) Explain any four kinds of structural organizational changes enabled by Information Technology {8marks}
- b) Discuss in details six competitive advantage an organization may realize when it has fully embraced the use of Information Technology {12marks}

QUESTION Three 20 MARKS

- a) Explain Functions of different Modules in a typical Financial Management Information Systems (FMIS) {8marks}
- b) Decision Support System provides management with information for making tactical decision. Describe the main characteristics of Decision Support System {8marks}
- c) What is a Human Resource Information System {4marks}

QUESTION Four 20 MARKS

- a) Explain steps in managerial decision making and problem solving {8marks}
- b) List and describe attributes of a Well-Designed Financial Management Information System {6marks}
- c) Explain the difference among the following terminologies used in information system application i) Data ii) Information iii) Knowledge. {6marks}

QUESTION Five 20 MARKS

- a) What is an expert system? {2marks}
- b) Discuss classical and behavioral models of managerial decision making used by a manager when making decision concerning information system utilization {10marks}
- c) Explain in details four advantages of Expert Systems {8marks}