



TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR:

(DHRM, DFO, DLMT, DPMM, DBA, DBMA)

EIT 2204: MANAGEMENT INFORMATION SYSTEM

END OF SEMESTER EXAMINATION

SERIES: APRIL 2016

TIME: 2 HOURS

DATE: 17 Mar 2016

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of Choose No questions. Attempt Choose instruction.

Do not write on the question paper.

Question ONE

- Define an Information system (IS) and describe the activities it performs? (5Marks)
- List and describe six reasons why information systems are so important for business today? (12Marks)
- What are the ethical challenges brought about by the introduction of information systems? (5Marks)
- Define a LAN and describe the three major LAN technologies (8Marks)

Question TWO

- Describe five problems associated with the traditional file environment? (5Marks)
- Define a Database Management System and explain its capabilities (5Marks)
- Within the context of a Relational Database, explain the following terms
 - Entity

- ii) Relationship
- iii) Attribute
- iv) Key field (5Marks)

Question Three

- a) Distinguish between an intranet and extranet (2Marks)
- b) How has the Internet technology changed business processes (6Marks)
- c) List and describe the five unique features of E – commerce (5Marks)
- d) Define a digital market and digital goods and describe their distinguishing features(2Marks)

Question Four

- a) Define and describe the capabilities of Executive Support Systems (ESS). How do Executive Support Systems (ESS) help Senior Managers make decisions? (5Marks)
- b) What is the relationship between Transaction Processing Systems (TPS) and Management Information Systems (MIS) (5Marks)
- c) How can information systems facilitate the Supply Chain Management (5Marks)

Question Five

- a) Distinguish between system analysis and systems design. (4Marks)
- b) On system development, describe each of the four kinds of systems conversions strategies an organization may implement. (4Marks)
- c) Testing is an important phase in system development. Describe three stages of testing for an information systems (4Marks)
- d) What are the alternative methods of developing an information system in the organization (3Marks)
(8mks)