TECHNICAL UNIVERSITY OF MOMBASA

INSTITUTE OF COMPUTING AND INFORMATICS

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

UNIVERSITY EXAMINATION FOR:

THE DEGREE OF BACHELOR OF SCIENCE IN INFORMATION

TECHNOLOGY/BSDS

BIT 2119, EIT 4120 : MANAGEMENT INFORMATION SYSTEMS

END OF SEMESTER EXAMINATION

SERIES:DECEMBER2016

TIME:2HOURS

DATE:13Dec2016

<u>Instructions to Candidates</u>
You should have the following for this examination
-Answer Booklet, examination pass and student ID
This paper consists of **FIVE** questions. Attemptquestion ONE (Compulsory) and any other TWO questions.
Do not write on the question paper.

Question ONE

a) Define the term "management information systems"   [2 marks]

b) Describe fourtypical activities of information systems   [5 marks]

c) Explain how the use of information systems leads to improved business opportunities
                                                                                          [7 marks]

d) Outline three management challenges of information systems   [3 marks]

e) Suggest solutions for the challenges in (d).   [3 marks]

f) State five moral dimensions of the information age   [5 marks]

g) Define the term business Intelligence and identify three tools used   [5 marks]

Question TWO

a) State five factors to consider when planning a new information system for an organization

[5 marks]

b) Describe three Information Systems business level strategies defined in the value chain model

[3 marks]

c) Differentiate between data ware housing and data mining   [3 marks]

d) Identify five components of a data warehouse   [5 marks]

e) Data mining as explained above poses a challenge to privacy of individuals. Explain.   [4 Marks]

Question THREE

a) Implementation of Information Systems can produce a great Impact on Organizations and Business Firms in Kenya. Discuss   (9MARKS)

b) Describe three categories of information system   [5 marks]

c) Compare the type of transactions between Management information systems(MISs), Decision support systems(DSSs) and Executive support systems(ESS)   [6 marks]

Question FOUR

A) Explain how use of Management information systems can lead to success in business.

[5 marks]

B) State five applications of Management information systems.   [5 marks]

C) Give definitions of each of the following types of systems   [10 marks]

   i.   Transaction processing systems
  ii.   Management information systems
 iii.   Decision support systems

iv.   Expert systems
v.   Office automation systems

Question FIVE

a) Define the term "management information systems"   [2 marks]

b) List three management challenges of using information systems   [3 marks]

c) Explain how use of Management information systems can lead to successin business.   [5 marks]

d) Identify five typesof database security threats and suggest solutions to the threats   [10 marks]