

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

Instructions to Candidates

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 opportunit	ies [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 mode	el [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 B Kenya. Discuss 	usiness Firms in (9MARKS)
b) Describe three categories of information system	[5 marks]
c) Compare the type of transactions between Management information systems(MISs), Decision systems(DSSs) and Executive support systems(ESS)	on support [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 systemsii. Management information systemsiii. Decision support systems	

- iv.
- Expert systems
 Office automation systems v.

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]