**W1-2-60-1-6**

##  JOMO KENYATTA UNIVERSITY

**OF**

**AGRICULTURE AND TECHNOLOGY**

# University Examinations 2014/2015

**FOURTH YEAR FIRST/SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF PURCHASING AND SUPPLIES MANAGEMENT/ BACHELOR OF SUPPLY CHAIN MANAGEMENT**

**BIT 2119 : MANAGEMENT INFORMATION SYSTEMS/**

**TRANSPORT AND LOGISTICS**

**DATE: AUGUST 2015 TIME: 2 HOURS**

**INSTRUCTIONS: ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER**

 **TWO QUESTIONS.**

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**QUESTION ONE (30 MARKS)**

(a) Describe technology and business trends that have enhanced the role of information systems in today’s competitive business environment. [5 marks]

(b) Outline the objectives/aim of system analysis during system development.

 [5 marks]

(c) What activities convert raw data to make information in information systems? What is their relationship to feedback? [2 marks]

(d) Management Information Systems provide feedback on organizational processes for control and decision making. With reference to this statement, discuss the different types of Management Information Systems. [10 marks]

(e) Discuss the components of a Database Management System. [5 marks]

(f) For information to be useful in decision making, it must have desirable qualities. State and explain some of the qualities. [5 marks]

**QUESTION TWO (20 MARKS)**

Discuss the basic ways to gain competitive advantage using strategic information system. [20 marks]

**QUESTION THREE (20 MARKS)**

Database approach of data management is an effective and better way of managing data of an organization. Discuss the benefits of the database approach. [20 marks]

**QUESTION FOUR (20 MARKS)**

Critically discuss the types of computer crimes, stating the ways of mitigation.

 [20 marks]

**QUESTION FIVE (20 MARKS)**

To use information systems as a competitive weapon, one must first understand where strategic opportunities for business are likely to be found. Explain how Porter’s competitive forces model has helped organizations to appreciate and respond to competition, outlining how information system and internet is used.

 [20 marks]