

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

## JOMO KENYATTA UNIVERSITY

**OF**

**AGRICULTURE AND TECHNOLOGY**

# University Examinations 2014/2015

**FOURTH/THIRD YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR THE DEGREE OF BACHELOR OF PURCHASING AND SUPPLIES MANAGEMENT/BUSINESS INFORMATION TECHNOLOGY/SUPPLY CHAIN MANAGEMENT**

**BBT 2204/BIT 2119 : MANAGEMENT INFORMATION SYSTEMS**

**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) Integration of information technologies has played a crucial role in influencing competition. Using Michael Porter’s competitive forces model, support this statement. [12 marks]

(b) Discuss the following types of information systems: [12 marks]

1. Transaction process system.
2. Management information system.
3. Decision support system.
4. Executive support system.

(c) Identify any four management challenges to building and using information system. [6 marks]

**QUESTION TWO (20 MARKS)**

(a) Discuss four advantages of e-commerce to the society. [10 marks]

(b) Explain four ways an organization can make use of internet in its daily operation. [10 marks]

**QUESTION THREE (20 MARKS)**

(a) Discuss the importance of computer systems networking and use of databases in computing. [10 marks]

(b) Discuss five strategic roles of information systems. [10 marks]

**QUESTION FOUR (20 MARKS)**

(a) Identify four types of computer network. [8 marks]

(b) State three potential threats to computered information system and suggest a remedy for each. [6 marks]

(c) Using a diagram, explain five major components of an information system. [6 marks]

**QUESTION FIVE (20 MARKS)**

Discuss the impacts of information systems on structure, authority, power and job context in modern organizations. [20 marks]