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JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

# **UNIVERSITY EXAMINATIONS 2014/2015**

**THIRD YEAR FIRST SEMESTER AND FOURTH YEAR SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BUSINESS INFORMATION TECHNOLOGY/**

**BACHELOR OF PURCHASING AND SUPPLIES MANAGEMENT**

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

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

**INSTRUCTIONS:**

**ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE**

1. Describe what an information system is, describing at least three of its components and explain how these components contribute to the working of the information system. [15 marks]
2. Compare the types of transactions in a transaction processing system with the transactions in a decision support system, with reference to the types of decision –making they support in an organization. [5 marks]
3. Discuss what impact the digital has had on Kenyan individuals and on the Kenyan society. [10 marks]
4. Explain clearly at least five ways in which organizations can use information systems to gain competitive advantage. [10 marks]

**QUESTION TWO**

1. Describe three security challenges to information systems in Kenyan organizations, and state clearly these security controls. [6 marks]
2. Explain two different types of networks that may be used in multi-compus institutions such as JKUAT. [6 marks]
3. Describe four important features of a transaction processing system. [8 marks]

**QUESTION THREE**

1. Selecting a particular organization you are familiar with describe four important functions of an enterprise resource planning system. [8 marks]
2. Discuss the different types of management information system and how they can serve the 3 levels of management. [12 marks]

**QUESTION FOUR**

1. Outline five advantages of E-commerce [5 marks]
2. Using a simple sketch, describe any four types of network topologies [4 marks]
3. Outline three limitations of organizational system. [3 marks]
4. Discuss the impact of information systems on structure, authority, power and job content in modern organization. [8 marks]

**QUESTION FIVE**

1. Identify any four major management challenges to building and using information system. [8 marks]
2. Discuss four advantages for E-commerce to the society. [8 marks]
3. Outline four ways an organization can make use of internet in its daily operations. [4 marks]