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University Examinations 2013/2014

THIRD YEAR, FIRST SEMESTER EXAMINATION FOR BACHELOR OF BUSINESS IN INFORMATION TECHNOLOGY

HBT 2301: MANAGEMENT INFORMATION SYSTEMS

DATE: APRIL 2014   TIME: 2HOURS

INSTRUCTIONS: *Answer question* **one** *and any other* **two** *questions*

QUESTION ONE – (30 MARKS)

a) Explain three systems that provide input to the human resource information systems.
(3 marks)

b) State three responsibilities of an information system professional.   (3 marks)

c) Explain the three goals of information system security.   (3 marks)

d) A finance management system receives input from the transaction processing system. Internal audit and financial intelligence subsystem. Describe any three outputs from a financial management system.   (6 marks)

e) Distinguish between the terms data mining and data warehouse in databases.(3 marks)

f) Discuss four advantages of data warehouse in an organization.   (4 marks)

g) State three roles of a manager in an organization.   (3 marks)

h) Discuss why organizations need different information systems.   (5 marks)

QUESTION TWO (20 MARKS)

a) Select an organization your are familiar with. Show the following components of TPS transaction processing systems: (8 marks)
   i. Input
   ii. Output
   iii. Processing
   iv. Users

b) Using an appropriate diagram analyze the role played by the six major types of information systems in organization. (12 marks)

QUESTION THREE (20 MARKS)

a) Discuss any five strategies that an organization can adopt in order to maintain a strategic competitive edge in the market. (10 marks)

b) Describe the five steps that an organization can use to protect its data. (10 marks)

QUESTION FOUR (20 MARKS)

a) Explain five ethical issues you would take into consideration as a manger of information of a firm. (10 marks)

b) Organizations can acquire software for use in their operations in different ways. One such software acquisition method is outsourcing.

   i. Define the term outsourcing (2 marks)
   ii. Explain three disadvantages and three advantages of outsourcing over other software acquisition methods. (8 marks)

QUESTION FIVE (20 MARKS)

a) Identify the four most common features of organizations that are relevant to Information Systems. (4 marks)

b) Critically assess the four powerful worldwide changes that have altered the business environment in Kenya. (8 marks)

c) What is telecommunications? With appropriate examples, explain how telecommunication systems are important to business success of an organization of your choice. (8 marks)