

CHUKA UNIVERSITY
EXAMINATION FOR MASTERS IN BUSINESS ADMINISTRATION Y1S1
MBAD 861: COMPUTING FOR MANAGEMENT

DATE:

TIME: 3 HRS

INSTRUCTIONS:

Answer Question ONE and ANY other TWO Questions

Question One (30 Marks)

- a) MacDonald Company Ltd has an IS project that is in progress. Explain two circumstances that would make the project to halt before its scheduled completion time. **(4 marks)**
- b) An IS designer in a Banking Institution has been tasked to develop a secure internet connection. Outline four mechanisms the designer would put in place to ensure security of data. **(4 marks)**
- c) Distinguish between executive information system and decision support system as used in Management Information Systems. **(4 marks)**
- d) A Chuka based Company has embraced the use of Management Information System for competitive advantage. Explain three impacts that this approach may have caused to the company. **(6 marks)**
- e) Some personnel in an organization could be a threat to a stable Management Information System. Explain three approaches that should apply in order to avert these threats. **(6 marks)**
- f) A manager in an entertainment industry intends to use data driven decision support system to design a new product. Describe three characteristics that this system should possess. **(6 marks)**

Question Two (15 Marks)

- a) Explain four threats to a business that may result from computer crimes. **(7 marks)**
- b) With the aid of a diagram, describe three distinctive levels of management in an organisation indicating in each case an appropriate information system. **(8 marks)**

Question Three (15 Marks)

- a) The support of top management is necessary for success of an information system in organization. Explain four roles that they play during the planning phase. **(8 marks)**
- b) Explain three circumstances that would lead an organization to automate its processes. **(7 marks)**

Question Four (15 Marks)

- a) Many organizations keep on acquiring new information system for their operations. Explain three reasons for this. **(6 marks)**
- b) Discuss three functions of a Management Information Systems in an organization. **(6 marks)**
- c) Discuss three goals of a transaction processing system to an organization. **(3 marks)**

Question Five (15 Marks)

- a) Explain three challenges that an organization using a modern Management Information Systems face when dealing with ethical issues. **(5 marks)**
- b) A certain organization decided to outsource some of its information system's services.
 - (i) Discuss two possible reasons for this approach. **(4 marks)**
 - (ii) Discuss three benefits that the organization would derive from this approach. **(6 marks)**