

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR AWARD OF MASTERS IN BUSINESS ADMINISTRATION**

**MBAD 861: COMPUTING FOR MANAGEMENT**

**STREAMS: MBAD (Y1S1)**

**TIME: 3 HOURS**

**DAY/DATE: THURSDAY 08/04/2021**

**8.30 A.M. – 11.30 A.M.**

**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)**

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- 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)