

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

THIRD YEAR EXAMINATION FOR THE AWARD OF DEGREE
OF BACHELOR OF COMMERCE

BCOM 316: ACCOUNTING INFORMATION SYSTEMS

STREAMS: BCOM (Y3S1)

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 15/04/2020

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer question ONE and any other TWO questions
- Do not write anything on the question paper

QUESTION ONE

- (a) The general manager of a large organization has asked you to draw up a document identifying eight important characteristics against which managers can evaluate the success of an information system together with a brief explanation of each. What would your document contain? [5 marks]
- (b) Discuss the following types of systems
- (i) Transaction processing systems (TPS) [5 marks]
 - (ii) Management Information systems (MIS) [5 marks]
 - (iii) Decision support systems (DSS) [5 marks]
 - (iv) Executive support systems (ESS) [5 marks]
 - (v) Expert systems [5 marks]

QUESTION TWO

- (a) Discuss and explain the activities involved in the following steps of the AIS life cycle
- (i) Feasibility study [4 marks]
 - (ii) System analysis [3 marks]
 - (iii) Systems design [3 marks]
 - (iv) Implementation [3 marks]

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- (b) Explain the following
- (i) What is a database management system (DBMS)? [2 marks]
 - (ii) What are the advantages of using a DBMS? [5 marks]

QUESTION THREE

- (a) Differentiate between batch and online processing. What are the advantages and disadvantages of each processing mode [5 marks]
- (b) A well designed computerized accounting information system should provide adequate controls. Discuss why it is important to exercise control in a computerized accounting information system. Explain the need for control and the vices against which control is aimed at [15 marks]

QUESTION FOUR

Mumbi (K) Ltd intends to replace its current financial information system in order to enhance efficiency and accommodate its planned expansion. It has already contracted a software development company to set up a computer based financial information system. However, they are worried about employees likely dysfunctional behaviour, low motivation and resistance to the new system.

Required:

- (a) Advise the management of Mumbi (K) Ltd and the project team on how to overcome such challenge [10 marks]
- (b) Explain the essentials elements of the study of an accounting information system [10 marks]
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