



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

DEPARTMENT OF ACCOUNTING & FINANCE

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN ACCOUNTANCY

EIT 2203: COMPUTERIZED INFORMATION SYSTEMS

SPECIAL/ SUPPLEMENTARY EXAMINATION

SERIES: SEPTEMBER 2018

TIME: 2HOURS

DATE: Sep 2018

Instructions to Candidates

You should have the following for this examination

-Answer Booklet, examination pass and student ID

This paper consists of **FIVE** questions. Attempt question ONE (Compulsory) and any other TWO questions.

Do not write on the question paper.

Question ONE

- a. Clearly explain any 2 advantages and 3 disadvantages of using computers in the workplace. (10 marks)
- b. Briefly describe the 5 Generations of computers throughout history. (10 marks)

Question TWO

(a) Explain these network topologies

- (i). STAR TOPOLOGY (2 marks)
- (ii) BUS TOPOLOGY (2 marks)
- (iii) TREE TOPOLOGY (2 marks)
- (iv) MESH TOPOLOGY (2 marks)
- (v) RING TOPOLOGY (2 marks)

(b) Describe any 5 Categories of Input devices in relation to computer hardware. (10marks)

Question THREE

- a. Briefly explain the 5 activities of data processing system (10 marks)
- b. Differentiate Management information system and Decision support system (10 marks)

Question FOUR

- a. Differentiate between Open and Closed Systems (4 marks)
- b. Explain any 3 threats to information system in an organization (6marks)
- c. What are the roles of an MIS in an organization? (10 marks)

Question FIVE

- a. Define Bounded data transmission and describe any 4 cable mediums (10 marks)
- b. Explain the following network devices
 - (i) Hub (2 marks)
 - (ii) Modem (2 marks)
 - (iii) Network Interface Card (2 marks)
 - (iv) Router (2 marks)
- (c) Define the term System (2 marks)