



TECHNICAL UNIVERSITY OF MOMBASA
Faculty of Business & Social Studies
DEPARTMENT OF BUSINESS STUDIES

DIPLOMA IN LOGISTICS AND TRANSPORT MANAGEMENT

EIT 2103: ICT FOR LOGISTICS & TRANSPORT MANAGEMENT

SPECIAL/SUPPLEMENTARY EXAMINATIONS

SERIES: OCTOBER 2014

TIME: 2 HOURS

INSTRUCTIONS:

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

This paper consists of Three printed pages.

QUESTION 1 (Compulsory)

- a) By use of a well labeled diagram show the data cycle chart. **(10 marks)**
- b) Name **FOUR** components that make up computer hardware. **(4 marks)**
- c) Explain the following data processing activities:
i) Storage
ii) Processing
iii) Output
iv) Input **(8 marks)**
- d) Define software and explain **THREE** main types of software. **(8 marks)**

QUESTION 2

- a) Write short notes GPPS/GPS Systems your explanation should feature use, advantages and limitation. **(10 marks)**
- b) How are computers applied in Transport? **(5 marks)**
- c) List the first **FIVE** stages of system development. **(5 marks)**

QUESTION 3

- a) State the correct behaviour for handling material and equipment in the lab. **(5 marks)**
- b) Describe the following computer memories:
i) Semiconductor
ii) Core
iii) Bubble
iv) Cache **(10 marks)**
- c) Name any **FIVE** input device categories. **(5 marks)**

QUESTION 4

- a) Define internet, giving **TWO** merits and **ONE** demerit of the internet today. **(5 marks)**
- b) Describe the following types of networks:
i) LAN
ii) WAN
iii) SAN
iv) VAN

v) MAN

(15 marks)

QUESTION 5

Discuss **FIVE** generations of computers. Give attention to capability and component.

(20 marks)