



TECHNICAL UNIVERSITY OF MOMBASA

SCHOOL OF BUSINESS

DEPARTMENT OF MANAGEMENT SCIENCE

UNIVERSITY EXAMINATION FOR:

DIPLOMA IN TRANSPORT AND LOGISTICS

EIT 2103: ICT FOR LOGISTICS AND TRANSPORT

SPECIAL/ SUPPLEMENTARY EXAMINATION

SERIES: SEPTEMBER 2018

TIME: 2HOURS

DATE: Sep2018

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 any **THREE** questions.

Do not write on the question paper.

Question ONE

- a) Define the following terms:-
 - i. Networking (2m)
 - ii. Network topology (2m)
- b) Describe any four network topologies (8m)
- c) Describe four benefits of computer networks Transport and Logistics Management(8m)

Question TWO

- a) Describe the functional organization of computer system hardware (10m)
- b) Explain five environmental threats to computer systems (10m)

Question THREE

- a) Define the internet (2m)

- b) Explain four requirements to get connected to the internet (8m)
- c) Describe five factors considered when selecting computer software (10m)
- d) Differentiate between application software and customized applications (2m)

Question FOUR

- a) Describe five controls measures used in the care and maintenance of computers (10m)
- b) Describe four types of printers (8m)
- c) Distinguish between application software and system software (2m)

Question FIVE

- a) Explain the following data communication modes
 - i. Simplex mode (2m)
 - ii. Half-duplex mode (2m)
 - iii. Full-duplex mode (2m)
- b) Explain five benefits of using ICT in Transport management (10m)
- c) Describe two types of backing storage devices (4m)