



TECHNICAL UNIVERISTRY OF MOMBASA

Faculty of Engineering & Technology

DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

DIPLOMA IN LOGISTICS & TRANSPORT MANAGEMENT (DLTM)

EIT 2103: ICT FOR LOGISTICS & TRANSPORT

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2014

TIME: 2 HOURS

Instructions to Candidates:

You should have the following for this examination

- *Answer Booklet*

This paper consists of **FIVE** questions. Attempt question **ONE (Compulsory)** and any other **TWO** questions
Maximum marks for each part of a question are as shown

This paper consists of **TWO** printed pages

Question One (Compulsory)

- a) Briefly describe any FIVE precautions to be taken in the computer lab. **(10 marks)**
- b) Write short notes on the following network types:
- (i) VAN
 - (ii) MAN
 - (iii) SAN
 - (iv) WAN
 - (v) LAN
- (20 marks)**

Question Two

- a) List FOUR demerits of the internet. **(4 marks)**
- b) Describe any THREE advantages of using electronic data processing system. **(6 marks)**
- c) How is ICT being applied to enhance transport? **(10 marks)**

Question Three

- a) List and explain FIVE things one must consider when choosing a printer for the office. **(10 marks)**
- b) Using a diagram please illustrate tracking as used in transport. **(10 marks)**

Question Four

- a) Clearly explain advantages of Networking our organizations. **(10 marks)**
- b) Describe the following Network topologies. **(10 marks)**
- (i) Bus
 - (ii) TREE
 - (iii) STAR
 - (iv) MESH
 - (v) RIAG
- (10 marks)**

Question Five

- a) Explain any FIVE characteristics of a good information system. **(10 marks)**
- b) Explain any FIVE networking devices. **(10 marks)**