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

END OF SEMESTER EXAMINATION

SERIES: AUGUST 2019

TIME: 2 HOURS

DATE: Pick Date Aug 2019

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.   Information and Communication Technology   (2m)
    ii.   Information system   (2m)
b) Explain five benefits of using ICT in Transport management   (10m)
c) Explain three challenges of using ICT in Transport management   (6m)

Question TWO

a) Describe the function of the following components of a computer system
    i.   Control unit   (2m)
    ii.   Arithmetic and Logic Unit   (2m)
    iii.   Main memory unit   (2m)
    iv.   Backing storage   (2m)
b) Explain five environmental threats to computer systems   (10m)
c) List two examples of customized application software   (2m)

Question THREE

a) Describe the components of a data communication system   (6m)
b) Describe five factors considered when selecting computer software   (10m)
c) Differentiate between application software and customized applications   (4m)

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) Define the following terms:-
    i.   Network   (2m)
    ii.   Network topology   (2m)
b) Describe four types of network topologies   (8m)
c) Describe four types of networks based on their geographic coverage   (8m)