# TECHNICAL UNIVERSITY OF MOMBASA

## SCHOOL OF BUSINESS

## DEPARTMENT OF MANAGEMENT SCIENCE

## **UNIVERSITY EXAMINATION FOR:**

## DIPLOMA IN TRANSPORT AND LOGISTICS

## BLT 2111: ICT FOR LOGISTICS AND TRANSPORT MANAGEMENT

## 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.**

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**Question ONE**

a)  Define the following terms:-
   i.   Computer Software                                                      (2m)
   ii.  Information and Communication Technology                               (2m)
   iii. Data processing                                                        (2m)
   iv.  Backing storage                                                        (2m)
b)  List four methods of classifying computers                                (4m)
c)  Explain four applications of the internet in logistics management         (8m)

**Question TWO**

a)  Describe the components of a computer's Central Processing Unit           (6m)
b)  Define the terms:-
   i.   Network topology                                                       (2m)
   ii.  Application package                                                    (2m)
   iii. Customized applications                                               (2m)
c)  Explain any four computer networking devices used in a transport management (8m)

**Question THREE**

a) Describe five types of computers based on size and processing power (10m)
b) Describe two tracking and tracing technologies used in logistics management (4m)
c) List four examples of application packages (4m)
d) List two benefits of customized applications (2m)

**Question FOUR**

a) Define the following terms:-
    i. Computer Network (2m)
    ii. Data communication (2m)
b) Describe four types of computer networks (8m)
c) List six benefits of using application packages (8m)

**Question FIVE**

a) Define the term computer management (2m)
b) Describe five tasks performed in computer management (10m)
c) Explain any four uses of ICT in Logistics and Transport management (8m)