# TECHNICAL UNIVERSITY OF MOMBASA

## SCHOOL OF BUSINESS

## DEPARTMENT OF MANAGEMENT SCIENCE

## UNIVERSITY EXAMINATION FOR:

DIPLOMA IN LOGISTICS AND TRANSPORT MANAGEMENT

## BLT: 2106 TRANSPORT PLANNING

## SERIES: APRIL Pickyear

## TIME: 2HOURS

## DATE: 13Apr2022

### 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 question ONE (Compulsory) and any other TWO questions.**
**Do not write on the question paper.**

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**Question ONE (Compulsory) – 30 Marks**

(a) Explain **six** benefits of a good transport planning system to an economy.

(12 Marks)

(b) Examine **five** demand determinants that you would take into consideration when planning for passenger transport**.**

(10 Marks)

(c) Highlight four key challenges that characterize route-scheduling in public transport.

(8 Marks)

**Question TWO**

(a) In planning for transport operations, there are several factors you must take into considerations. Discuss five of these factors

(10 marks)

(b) Define the term **public policy** and discuss four areas of government regulations in public transport sector.

(10 Marks)

## Question THREE

(a) Explain **five** loading and unloading requirements in a transport planning system.

(10 Marks)

(b) Discuss five emerging trends in the transport sector today.

(10 Marks)

## Question FOUR A

(a) Explain **five** key government objectives on public transport planning.

(10 Marks)

(b) Discuss five factors you will consider in planning for the movement of maize from Kitale to Ajab Milling firm in Mombasa

(10 Marks)

## Question FIVE

**(a)** SWOT analysis is key in a transport planning exercise. Explain **five** threats transport planners should analyze.

(10 Marks)

**(b)** Discuss five factors to be considered in the choice service solutions in freight transport

(10 Marks)