



**TECHNICAL UNIVERSITY OF MOMBASA**  
***Faculty of Business and Social Studies***

DEPARTMENT OF BUSINESS STUDIES

UNIVERSITY EXAMINATIONS FOR DEGREE IN  
BACHELOR OF COMMERCE

**BTL 4402: TRANSPORT PLANNING**

END OF SEMESTER EXAMINATIONS

**SERIES: DECEMBER 2014**

**TIME: 2 HOURS**

**INSTRUCTIONS:**

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

***This paper consists of Two printed pages***

---

**QUESTION 1 (Compulsory)**

- a) Define the following terms as used in transport planning:
  - i) Transport terminals. **(3 marks)**
  - ii) Spatial interaction **(3 marks)**
  - iii) Transport networks **(3 marks)**
  
- b) Differentiate between Nodes and Linkages as used in urban transportation. **(6 marks)**
  
- c) Explain the difference between the following terms as used in transportation:
  - i) Direct derived demand and indirect derived demand. **(6 marks)**
  - ii) Monofunctional ports and polyfunctional ports. **(6 marks)**
  - iii) State **THREE** significances of transport policies. **(3 marks)**

## QUESTION 2

- a) Explain the meaning of spatial imprint of urban transportation clearly detailing the **FIVE** components of the spatial imprint. **(12 marks)**
- b) Urban movements are either obligatory or voluntary. Explain any **FOUR** common types of urban movements. **(8 marks)**

## QUESTION 3

- a) Explain any **SIX** roles played by sea ports to any given economy. **(12 marks)**
- b) Transportation represents one of the most important human activities worldwide. Discuss the importance of transportation in any given country. **(8 marks)**

## QUESTION 4

- a) State **SIX** challenges that may be encountered by the Kenyan government in enforcing the cashless payment of bus/matatu fares by commuters. **(6 marks)**
- b) Clearly elaborate the key stages involved in the transport policy process. **(14 marks)**

## QUESTION 5

As a transport planning specialist, advise the Kenyan government through the relevant transport ministry on how it will streamline the public transport sector. **(20 marks)**