



**MODULE** : Transport Economics 2A  
**CODE** : VVR2A01 / TRE12A2  
**DATE** : JULY 2016  
**DURATION** : 180 Minutes  
**TOTAL MARKS** : 180

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**EXAMINER** : Mrs E Kriel  
Mr L Jacobs

**MODERATOR** : Dr N Pisa

**NUMBER OF PAGES** : 3 Pages

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**INSTRUCTIONS TO CANDIDATES:**

- Answer all the questions
- Question papers must be handed in.
- This is a closed book assessment.
- Read the questions carefully and answer only what is asked.
- Number your answers clearly.
- Write neatly and legibly
- Structure your answers by using appropriate headings and sub-headings.
- The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment.

**SECTION A – URBAN TRANSPORT****QUESTION 1****(35 Min : 35 Marks)**

The growth in use of private cars has had a direct effect on public transport use (Balcombe, 2004).

- 1.1 Summarise the role of public transport in developing countries. (10)
- 1.2 Identify and describe ten (10) public transport problems experienced in many cities. (20)
- 1.3 List five (5) negative effects of congestion. (5)

**QUESTION 2****(20 Min : 20 Marks)**

The White Paper on National Transport Policy (1996) is a very important policy document in the South African transport environment.

- 2.1 Identify the general goals set out for transport in the White Paper on National Transport Policy (1996). (6)
- 2.2 Summarise the mission for land passenger transport (4)
- 2.3 Explain the parameters for mobility (10)

**QUESTION 3****(20 Min : 20 Marks)**

Public transport services can be classified as formal or informal services.

- 3.1 Contrast formal and informal public transport services and make use of local examples. (10)
- 3.2 Distinguish between “gross” contracts and “net” contracts. (6)
- 3.3 Describe the role of planning authorities as stipulated in the NLTA (2009) (4)

**QUESTION 4****(15 Min : 15 Marks)**

In conclusion of this module, it became evident that certain themes in public transport are shared in various countries all over the world (Dimitriou & Gakenheimer, 2011). Identify and describe any five of these themes and give examples.

# NEW BOOK PLEASE

## SECTION B: RAIL TRANSPORT [90 MARKS]

### QUESTION 1

(20 Marks)

There are many factors which influence the competitive relationship between rail and road transport. Discuss how the following factors can influence the competitive relationship between rail and road transport:

- 1.1. Distance of the shipment (6)
- 1.2. Types of train (10)
- 1.3. Identify any four other factors that will influence rail and road competition. (4)

### QUESTION 2

(15 Marks)

Provide an overview of the current Rail / Road debate by highlighting the main challenges that Transnet Freight Rail (TFR) faces from road competition. (15)

### QUESTION 3

(10 Marks)

Explain the term “predictable service” and motivate how it can support TFR’s Market Demand Strategy (MDS).

### QUESTION 4

(15 Marks)

Distinguish between internal restructuring, concessioning and privatisation.

### QUESTION 5

(15 Marks)

Explain the term transport cost externalities  
Explain any three transport externalities. (12)

(3)

### QUESTION 6

(15 Marks)

Identify and discuss some of the factors that contribute to the excessive costs of freight haulage in regional trade for the SADC region. (15)

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