



MODULE : Transport Economics 2A
CODE : VVR2A01 / TRE12A2
DATE : 30 MAY 2016
DURATION : 180 Minutes
TIME : 08:30 – 11:30
TOTAL MARKS : 180

EXAMINER : Mrs E Kriel
Mr L Jacobs

MODERATOR : Dr N Pisa

NUMBER OF PAGES : 3 Pages

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****(30 Min : 30 Marks)**

“Providing for convenient, safe, regular and reliable public transport is an essential requirement for any urban area.” (Richards, 2011)

- 1.1 Summarise five (5) negative consequences of “urban sprawl”. (10)
- 1.2 Identify and describe five (5) current public transport issues. (15)
- 1.3 List five (5) benefits of efficient urban transport. (5)

QUESTION 2**(25 Min : 25 Marks)**

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

- 2.1 Summarise the vision for transport as contained in this document. (5)
- 2.2 Identify ten (10) strategic objectives relating to land passenger transport (10)
- 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 making use of local examples. (10)
- 3.2 Highlight the responsibilities of a transport authority/planning authority with regard to: (10)
 - (a) Formal public transport
 - (b) Informal public transport

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 five of these themes. Where appropriate, give examples.

NEW BOOK PLEASE

SECTION B: RAIL TRANSPORT [90 MARKS]**QUESTION 1****(40 Marks)**

1.1. Provide an overview of the role of urban passenger rail transport in developed as well as developing countries.

(10)

1.2. Discuss the different international trends shaping the future of rail transport.

(10)

1.3. Discuss some of the key elements of the Green Paper on rail transport.

(10)

1.4. Provide an overview of the current Rail / Road debate by differentiating between the diverse arguments of the protagonists on both sides of the transport spectrum.

(10)

QUESTION 2**(20 Marks)**

2.1. Freight haulage costs in the SADC region are excessively high and are a major impediment to regional trade. Identify and discuss the factors that have led to this.

(10)

2.2. Discuss the term transport externalities under the following headings: accident costs, congestion costs, emission/pollution costs and noise costs.

(10)

QUESTION 3**(30 Marks)**

3.1 Explain what is meant by railway concessioning and identify specific issues that need to be addressed in developing a successful concessioning structure for South African rail operations.

(10)

3.2 Explain how the value of the goods being transported can impact rail costs.

(10)

3.3 Discuss the concept of privatisation as well as public private partnerships in rail.

(10)

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