



**MODULE** : **TRANSPORT ECONOMICS 2A**  
**CODE** : **VVR2A01 / TRE12A2**  
**DATE** : **17 JUNE 2014**  
**TIME** : **12:30 – 15:30**  
**DURATION** : **3 HOURS**  
**TOTAL MARKS** : **180**

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**EXAMINER(S)** : **DR. CWV MOSTERT**  
**(EXTERNAL) MODERATOR(S)**: **MR GJ HEYNS / MS R LUKE**  
**NUMBER OF PAGES** : **2**

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**INSTRUCTIONS TO CANDIDATES:**

- 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.
- Answer section A and section B in a separate answer book.

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**SECTION A – RAIL TRANSPORT****QUESTION 1****(45 Min.: 45 Marks)**

- a. The competitive relationship between rail and road transport is affected by a number of factors. Discuss these factors in some detail. What are the main conclusions that railway management should be aware of? (35)
- b. What is meant by "predictable service" and what role can it play in promoting rail transport? (10)

**QUESTION 2****(30 Min.: 30 Marks)**

Despite the fact that some railway lines and some types of train lose money, they should still be operated. Do you agree or disagree with this statement? Refer to branch lines, the ACR, concessioning, steam engines and tourism.

**QUESTION 3****(15 Min.: 15 marks)**

The Jorgensen/RoadRail report discusses a number of externalities that arise from the use of road transport. Discuss the three that you consider to be the most significant .

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**SECTION B - URBAN TRANSPORT****QUESTION 4****(30 Min.: 30 Marks)**

- (a) Describe right-of-way categories A B and C and how they fit into the list of ten theoretical steps of urban transport development. (10)
- (b) Society's "love affair" with the motor car has led to a number of undesirable consequences. Briefly discuss any three of these consequences, and what could be done to alleviate them. (20)

**QUESTION 5****(30 Min.: 30 Marks)**

What is meant by "social equity" in transport? Describe in some detail the parameters that are required to achieve "social equity".

**QUESTION 6****(30 Min.: 30 Marks)**

- (a) What, in your opinion, is the optimal way forward for the minibus taxi industry? Motivate your answer. (15)
- (b) Discuss the role of, and requirements for, information in the promotion of public transport. (15)

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