



<b>FACULTY/COLLEGE</b>	College of Business and Economics
<b>SCHOOL</b>	Johannesburg Business School
<b>DEPARTMENT</b>	Transport and Supply Chain Management
<b>CAMPUS(ES)</b>	APK
<b>MODULE NAME</b>	Transport Economics 3B
<b>MODULE CODE</b>	TRE23B3
<b>SEMESTER</b>	Second
<b>ASSESSMENT OPPORTUNITY, MONTH AND YEAR</b>	FSAO November 2019

<b>ASSESSMENT DATE</b>	21 November 2019	<b>SESSION</b>	12:30 – 15:30
<b>ASSESSOR(S)</b>	Mrs E Kriel		
<b>MODERATOR(S)</b>	Int: Prof G Prinsloo    Ext: Mr H Lemmer		
<b>DURATION</b>	180 minutes	<b>TOTAL MARKS</b>	150

<b>NUMBER OF PAGES OF QUESTION PAPER (Including cover page)</b>	2
---	---

**INFORMATION/INSTRUCTIONS:**

---

- This is a closed-book assessment.
  - There are 3 questions. Please answer all the questions
  - Read the questions carefully and answer only what is required.
  - Number your answers clearly and correctly as per the question paper.
  - Write neatly and legibly on both sides of the paper in the answer book, starting on the first page.
-

**QUESTION 1**

**(50 Marks: 60 Min)**

- 1.1 **Explain** the role of transport in the economy [10]
- 1.2 **List and define** the five (5) urban movements: [10]
- 1.3 The spatial imprint of urban transport has a number of components. **Name and describe** these components [10]
- 1.4 **Analyse** the impacts of urbanisation [20]

**QUESTION 2**

**(50 Marks: 60 Min)**

- 2.1 **Identify** the steps involved in the urban transportation planning process [10]
- 2.2 The urban transportation planning process consist of various important phases. **Summarise** the following phases: [20]
- Goal and objective setting
  - Data collection
  - Travel demand forecasting
- 2.3 Disasters in transport can never be effectively planned or even anticipated. Therefore Disaster Risk Management is needed which could reduce disruptions or deal with disruptions when it happens. **Examine** the series of steps involved in Disaster Risk Management. [20]

**QUESTION 3**

**(50 Marks: 60 Min)**

- 3.1 The impacts of transport on energy consumption are diverse, including on activities that are necessary for the provision of transport infrastructure and facilities. **Identify and describe** these activities. [20]
- 3.2 The patterns of transport and urban land use associated with the high levels of car dependency present a variety of problems for the sustainability of cities. **Summarise** the problems associated with the high level of car dependency. [30]