



MODULE : TRANSPORT ECONOMICS 3B

CODE : VVR3B01 / TRE23B3

DATE : 12 JANUARY 2018

DURATION : 180 MINUTES

TOTAL MARKS : 150 MARKS

EXAMINER : MRS E KRIEL

MODERATOR : MRS K VISSER

NUMBER OF PAGES : 2 PAGES

INSTRUCTIONS TO CANDIDATES:

- Answer all 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.
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Please answer all the questions

QUESTION 1**(30 Min.: 30 Marks)**

- 1.1 Define “transportability” (5 marks)
- 1.2 Explain the importance of transport as a multidimensional activity (25 marks)

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

- 2.1 Distinguish between “mobility” and “accessibility” (5 marks)
- 2.2 Illustrate and propose recommendations (based on research conducted in African cities) for a conceptual framework seeking to encourage accessibility and mobility in urban areas of Africa. (25 marks)
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QUESTION 3**(30 Min.: 30 Marks)**

Environmental impact is the interaction of the various elements of a transport project with the elements of the environment. This process seeks to determine which specific activities of the project react with which specific elements of the environment. Identify and describe typical elements that can be included an environmental impact **assessment** with regard to a specific transport project.

QUESTION 4**(30 Min.: 30 Marks)**

Identify and analyse the various **stages** in the urban transportation planning process

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

In transportation planning community involvement is very important. Analyse the process of public participation.

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