



QUALIFICATION : B COM HONOURS

MODULE : TRANSPORT AND LAND USE PLANNING

CODE : TRE8X03

DATE : JULY 2018 SUPPLEMENTARY EXAMINATION

DURATION : 180 MINUTES

TIME :

TOTAL MARKS : 180

EXAMINER(S) : DR R LUKE

MODERATOR : MRS K VISSER

NUMBER OF PAGES : 2 PAGES

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.
- Answer questions in the answer booklets provided.

The general University of Johannesburg policies, procedures and rules pertaining to written assessments apply to this assessment

QUESTION 1

(30 MARKS)

Modal integration is critical to the overall success of a transport system. Elaborate on this statement. Refer specifically to a definition of modal integration and the components of an integrated system. As a transportation planner, how would you ensure that the City of Johannesburg's transportation system achieves modal integration? Refer to all types of transport users in your discussion.

QUESTION 2

(30 MARKS)

Critically analyse how the development of the Coega Industrial Development Zone, together with the Port of Ngquru, is likely to influence the socio-economic development of the local economy, as well as the South African economy as a whole.

QUESTION 3

(65 MARKS)

You are compiling an ITP for your home town.

- (a) You will need a good transport vision and a set of goals. Develop a vision and set of goals that attempts to address the needs of as many transport users as possible **(10 marks)**
- (b) To develop your plan you will need to do some transport modelling. Discuss why you would need to do modelling and the principles you should apply in the modelling process **(25 marks)**
- (c) Provide a broad overview of your plan. In it you will need to ensure that you have complied with the minimum requirements for ITPs **(30 marks)**

QUESTION 4

(30 MARKS)

The city of Johannesburg intends to expand the Gautrain into the West Rand. It is expected that this will affect some resident's housing, some taxi and bus driver's jobs and some offices will need to be relocated. Motivate why public participation is necessary in this instance. Construct a public participation plan describing how you would conduct the process, ensuring that the concerns of all affected parties are adequately addressed and appropriate principles have been adhered to. You should specifically refer to the difficulties you are anticipating in the process and how you will resolve them.

QUESTION 5

(25 MARKS)

Describe the strategic planning approach to be used in IRPTNs and discuss the extent to which these have been achieved in the City of Johannesburg

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