



QUALIFICATION : B COM (Hons)
MODULE : INFRASTRUCTURE STUDIES
CODE : TRE8X04/VVR04X7
DATE : SUPPLEMENTARY EXAMINATION
DURATION : 180 MINUTES
TOTAL MARKS : 180

EXAMINER(S) : Dr R Luke
(EXTERNAL) MODERATOR(S) : Prof J Cronjé
NUMBER OF PAGES : 3

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 each section on a different answer sheet.

Question 1**(30 minutes: 30 marks)**

Discuss how the following three policy initiatives changed the way in which transport infrastructure was to be provided in South Africa:

- a) The 1996 White Paper on National Transport Policy
- b) The National Freight Logistics Strategy
- c) The Gauteng 25 year Integrated Transport Plan

Question 2**(30 minutes: 30 marks)**

E-tolling in Gauteng has recently resulted in major civil dissatisfaction, indicating societies' disagreement with the methods government used to employ this form of user charging. Determine if this method of transport infrastructure financing is appropriate for the Gauteng Freeway Improvement Project, or not. Compare this form of financing with others such as dedicated infrastructure funds, capital grants and concessions.

Question 3**(30 minutes: 30 marks)**

Aristotle said "If you would understand anything, observe its beginning and its development." Discuss how the history of transport funding in South Africa has influenced the funding issues in transport infrastructure in South Africa today.

Question 4**(60 minutes: 60 marks)**

The city of Ethekwini requires a new high speed rail system in order to assist in achieving its vision of being Africa's most liveable city. The city is considering a PPP to finance the system:

- a) Discuss the reasons why they would consider using a PPP for the project.
(10 marks)
- b) There are various models of PPPs. Select the most appropriate for this project and motivate your answer
(15 marks)
- c) Discuss the PPP project cycle that you would have to go through to bring this project to fruition.
(25 marks)
- d) Discuss some of the challenges that you may face in putting together this PPP.
(10 marks)

Question 5**(30 minutes: 30 marks)**

Given the current transport infrastructure problems outlined in the 2015 OECD economic survey on South Africa, describe whether the provisions for infrastructure in the NDP, the current infrastructure spend (as outlined in the 2015 budget and the state of the nation address) and the Presidential Infrastructure Coordinating Committee's National Infrastructure Plan are likely to address the problems.

ooooooOoooooo