



QUALIFICATION : B COM (Hons)
MODULE : INFRASTRUCTURE STUDIES
CODE : TRE8X04/VVR04X7
DATE : 12 NOVEMBER 2015 EXAMINATION
DURATION : 180 MINUTES
TIME : 08:30
TOTAL MARKS : 180

EXAMINER(S) : Dr R Luke
(EXTERNAL) MODERATOR(S) : Prof J Cronjé
NUMBER OF PAGES : 2

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

Discuss the responsibility for the provision, maintenance and operation of transport in South Africa. Refer specifically to each mode of transport in your discussion.

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

A decision has been taken to construct a new tunnel on the N4 and that it should be funded by a PPP. Identify forms of PPP available for this project. Of the forms that you have identified, select and motivate the form of PPP you believe will be appropriate for this project. Discuss the structure of this PPP and illustrate your discussion with a sketch.

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

The traditional methods of funding of infrastructure include full government funding, government borrowing and donor funding. The South African government has started to move away from these types of funding methods into more modern methods. Discuss why these traditional methods of transport infrastructure financing have failed in South Africa. In your discussion, motivate the reasons why our government is adopting new approaches to infrastructure financing.

Question 4**(30 minutes: 30 marks)**

Analyse, in detail, the effect that the establishment of the Port of Ngqura could have on the country's economy.

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

Compare dedicated infrastructure funds, capital grants, concessions and user charging as methods of infrastructure financing. In your comparison you should refer specifically to a comprehensive definition of each method and the advantages and disadvantages of each. Select the most appropriate for an upgrade of the border post between South Africa and Mozambique and motivate your selection in full.

Question 6**(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.

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