



QUALIFICATION : BCOM HONOURS
MODULE : INFRASTRUCTURE STUDIES
CODE : TRE8X04
DATE : 12 NOVEMBER 2014 - EXAMINATION
DURATION : 180 Minutes
TIME : 08:30
TOTAL MARKS : 180

EXAMINER : MS R LUKE
MODERATOR : PROF JN CRONJE
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.
- 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, in detail, the effect that the establishment of the Port of Ngqura should have on the country's economy.

Question 2

(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 3

(30 minutes: 30 marks)

One of the biggest challenges facing the South African government today is the financing of infrastructure. Financing methods that worked in the past are no longer relevant. Critically analyse this statement. In your discussion, you will also need to discuss the reasons why governments are adopting new approaches to infrastructure financing.

Question 4

(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. What forms of PPP are available for this project? Of the forms that you have identified, which form of PPP do you believe will be appropriate for this project (you will need to motivate your reasons in full)? Discuss the structure of this PPP and illustrate your discussion with a sketch.

Question 5

(30 minutes: 30 marks)

Compare dedicated infrastructure funds, capital grants, concessions and user charging as methods of infrastructure financing. In your discussion you should refer specifically to a comprehensive definition of each method and the advantages and disadvantages of each. Which do you think would be most appropriate for an upgrade of the border post between South Africa and Mozambique? Motivate your answer in full.

Question 6

(30 minutes: 30 marks)

You have recently been appointed as the Director General of the Department of Transport - South Africa. Your first task will be to assess the current state of transport infrastructure in the country and identify the biggest infrastructure challenges facing the sector. Write a report to the Minister outlining the findings of your study.