



**QUALIFICATION** : B COM (Hons) Logistics Management  
**MODULE** : RAIL TRANSPORT ISSUES  
**CODE** : TRE8X08  
**DATE** : SUPPLEMENTARY EXAMINATION  
**DURATION** : 180 MINUTES  
**TOTAL MARKS** : 180

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**EXAMINER(S)** : Dr L PETKOON  
**(EXTERNAL) MODERATOR(S)** : Mr N WALTERS  
**NUMBER OF PAGES** : 3

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**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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**GENERAL APPROACH BY EXAMINER**

80 Per cent of the marks are for relevant facts used to answer each question. The remaining 20 per cent is awarded for structure (half for the ability to use the facts to draw well-founded conclusions and the remaining half for the way the answer is set out)

**QUESTION 1****(30 Marks)**

Using the principles of life cycle management of **assets**, discuss the process of planning and provision of railway infrastructure and rolling stock for a freight or passenger railway. Elaborate on the implications of the relative indivisibility and longevity of these assets from a business perspective.

**QUESTION 2****(30 Marks)**

Discuss the role of information technology to improve the performance of a railway system from an internal as well as an external service perspective. In the light of SADC Protocols, discuss the importance of technical regional cooperation from an information perspective.

**QUESTION 3****(30 Marks)**

In what ways can an investment in modern technology help to improve the performance of railway equipment including availability and utilization of locomotives, freight wagons and passenger coaches?

**QUESTION 4****(30 Marks)**

Discuss how British Rail set about privatizing The British Railway System and indicate specifically how they dealt with the operating as well the infrastructural challenges.

**QUESTION 5****(30 Marks)**

How would you advise the Department of Transport in South Africa to use the national railway system as a fulcrum to stimulate tourism and how could the Department of Public Enterprises in South Africa to use the national railway system as a fulcrum to stimulate rural development?

**QUESTION 6****(30 Marks)**

How would a diverse technology base impact on the management of a railway network? In the light of your views, discuss the pros and cons of **electrifying** a railway network versus deploying diesel-powered locomotives.