

TRL3702
TRL3025

May/June 2013

TRANSPORT PLANNING AND INVESTMENT

Duration 2 Hours

70 Marks

EXAMINERS

FIRST

SECOND

EXTERNAL

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Closed book examination

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This paper consists of 2 pages.

SECTION A:**ANSWER ALL THE QUESTIONS IN THIS SECTION****QUESTION 1**

- | | | |
|-------|---|-----|
| (i) | Discuss two (2) possible transport strategies that can be used to improve the economy of the urban core | (8) |
| (ii) | Explain what is meant by the timewise comparability of costs when the economic evaluation of projects is undertaken in cost/benefit analysis | (4) |
| (iii) | Name and briefly discuss four taxes relating to vehicle use as one of the practical road cost recovery methods | (8) |

TOTAL [20]

SECTION B:**ANSWER TWO OF THE THREE (3) QUESTIONS IN THIS SECTION****QUESTION 2**

Discuss in detail the **road-user benefits (savings)** of a new road for users

[25]

QUESTION 3

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|---|------|------|
| (i) What factors should be taken into account in port planning ? Name and discuss any five (5) factors | (10) | |
| (ii) Clearly distinguish between airport planning on local, regional and provincial levels . | (15) | [25] |

QUESTION 4

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|--|------|------|
| (i) You are the owner of rail infrastructure in terms of vertically separated ownership models. Explain how you would go about doing track design and maintenance to ensure optimum productivity and profit | (13) | |
| (ii) Briefly discuss the six (6) elements of a sound transport policy . | (12) | [25] |

TOTAL		[50]
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