



INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

TRANSPORT PLANNING

DIP 04

JUNE 2025 EXAMINATION

Note to Candidates

Candidates are advised to spend no more than 45 minutes on each question.

Instructions to Candidates

- Duration of examination: **3 HOURS**
 - **Answer any FIVE questions**
 - Questions may be answered in any order.
 - Allocations of marks are indicated along each question.
 - Credit will be given for citing relevant examples.
 - Write legibly.
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QUESTION 1

- a) Explain the key challenges of poor traffic signal timing in urban mobility. **(10 marks)**
- b) Suggest smarter solutions for traffic flows in urban mobility. **(10 marks)**

QUESTION 2

Describe how socio-economic and spatial data can be integrated into your transport modelling workflows. **(20 marks)**

QUESTION 3

Explain fully how the planning of a multimodal transport system is crucial for the efficient functioning of major cities globally. **(20 marks)**

QUESTION 4

Demand for personal travel and the movement of goods have to be balanced with the inevitable limitations of land space and environmental considerations of people, both as travellers and inhabitants. Discuss **(20 marks)**

QUESTION 5

Explain in detail the technical aspects of the traffic impact assessment. **(20 marks)**

QUESTION 6

Critically analyse the relationship between rural and urban areas and transport. **(20 marks)**