



**The Chartered
Institute of Logistics
and Transport**

INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

TRANSPORT PLANNING

DIP04

MARCH 2024

SUPPLEMENTARY EXAMINATIONS

Instructions to Candidates

- Duration of examination: **3 hours**
- **Answer any FOUR questions.**
- Questions may be answered in any order.
- Allocation of marks is indicated along each question.
- Credit will be given for citing relevant examples.
- Write legibly.

QUESTION 1

Describe the significance of travel demand forecasting.

(25 marks)

QUESTION 2

Explain any five future of transport technologies that you know.

(25 marks)

QUESTION 3

Compare and contrast trend and component forecasting in relation to their

- a) Basic ideas
- b) Uses
- c) Limitations

QUESTION 4

Evaluate the traffic calming measures that can be used within the CDB by local authorities. **(25 marks)**

QUESTION 5

Describe the transportation planning process and strategy. **(25 marks)**

QUESTION 6

Explain any two sustainable transport solutions for a developing city of your choice considering the prevailing socio-economic conditions in that city. **(10 marks)**

Outline the characteristics of each of the following type of market structures.

- a) Monopolistic competition. **(5 marks)**
- b) Oligopoly. **(5 marks)**
- c) Perfect market. **(5 marks)**