



**The Chartered
Institute of Logistics
and Transport**

INTERNATIONAL CERTIFICATE IN LOGISTICS AND TRANSPORT

TRANSPORT PLANNING

08-L3

NOVEMBER EXAMINATION 2024

Note to Candidates

Candidates are advised to spend NOT more than 40 minutes on each question

Instructions to Candidates

- Duration of examination: **2.30 hours**
 - **Answer 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
-

QUESTION 1

a) Define the following terms in transport planning.

- i) Baseline Data
- ii) Derived Demand
- iii) Forecast
- iv) Mode Split
- v) Operational Planning
- vi) Spatial Planning
- vii) Supply Chain
- viii) Trip End
- ix) Trip Rate
- x) Traffic Management

(10 marks)

b) Explain what causes demand in transport to vary and how can this affects us as transport professionals.

(10 marks)

QUESTION 2

- a) 'The process of establishing and adopting a transport strategy has a number of stages'. Name them. **(6 marks)**
- b) Explain briefly the four generic stages of the accessibility planning process which can be adapted to suit the local circumstances. **(8 marks)**
- c) Write notes on the two broad ways of ways gathering data in transport planning. **(6 marks)**

QUESTION 3

Identify and explain the elements associated with travel planning in detail. **(20 marks)**

QUESTION 4

Explain the concepts such as development planning, transport assessments and accessibility mapping in transport planning. **(20 marks)**

QUESTION 5

- a) Name and briefly explain the contracts in Public Private Partnerships. **(10 marks)**
- b) Explain how bad transport planning can lead to poor health of citizens. **(5 marks)**
- c) Compare and contrast the Light Rail Transit and Bus Rapid Transit. **(5 marks)**

QUESTION 6

- a) Explain the following functionality of next generation public transportation systems.
- i) Punctuality **(2 marks)**
 - ii) Comfort **(2 marks)**
 - iii) Environmentally friendly **(2 marks)**
 - iv) Attractiveness **(2 marks)**
- b) Compare and contrast the following terms as they relate to transport planning.
- i) Vision and strategy **(6 marks)**
 - ii) Explain what traffic assessment is. **(6 marks)**