



**The Chartered  
Institute of Logistics  
and Transport**

**CERTIFICATE IN LOGISTICS AND TRANSPORT**

**TRANSPORT PLANNING**

**08-L3**

**November 2022**

**Note to Candidates**

Candidates are advised to spend NOT more than 60 minutes in Section A and not more than 40 minutes on each question in Section B.

**Instructions to Candidates**

- Duration of examination: **2.30 hours**
- **Answer ALL Questions in Section A and any THREE questions in Section B**
- 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

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**Question 1**

- a) “The process of establishing and adopting a transport strategy has a number of stages”. Write short notes on six of the stages. **(6 marks)**
- b) Explain the concept of transport as a derived demand. **(5 marks)**
- c) Describe the Bottom-up or problem solving approach and top down or objective-led approach in strategy development **(6 marks)**

- d) Elaborate on the following as they apply to transport planning
- i) A resource audit
  - ii) Action Plan
  - iii) Primary Data
  - iv) Accessibility
  - v) Market Segment
  - vi) Peak demand
- e) Differentiate between increase provision and improve efficiency. **(6 marks)**
- f) i) What are the strengths and weaknesses of road transport? **(8 marks)**  
ii) Give the broad characteristics and strengths of air transport **(3 marks)**

## **SECTION B**

**Answer any THREE questions**

### **Question 1**

- a) What is a modal choice? **(2 marks)**
- b) Discuss how it influences travel behavior and travel planning. **(18 marks)**

### **Question 2**

Explain the benefits of travel plans in transport planning. **(20 marks)**

### **Question 3**

“Land use has a major influence on the demand for transport and travel. Discuss how **(20 marks)**”

### **Question 4**

“Many of the ‘soft’ measures included in the travel plans rely on the use of Information Technologies (IT) systems to be delivered, and it is for this reason that they can be relatively low costs”.

Clearly bring out the benefits of using ICT in Travel Planning process. **(20 marks)**