INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

TRANSPORT PLANNING
DIP04

MARCH 2025 SUPPLEMENTARY EXAMINATION

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

QUESTION 1

a) Analyse the relationship between factors that impact on transport policy, land use and demography. **(10 marks)**

b) Describe the principles of sustainability and its application to transport planning. **(10 marks)**

QUESTION 2

Develop strategies to take account of future forecasts in transport planning.

(20 marks)

QUESTION 3

Discuss any five (quantifiable) attributes on which the quality of services can be evaluated.
(20 marks)

QUESTION 4

People travel for a variety of reasons, the nature of travel can be divided into two categories.

a) Identity and clearly explain the how each work. **(10 marks)**

b) List and describe the different characteristics of essential and optional travel in the supply of transport. **(10 marks)**

QUESTION 5

'Transport forecasting be described as involving the following'.

Identifying outcomes and inputs, modelling, projecting inputs, forecasting the outcomes, devising solutions, comparison and recommendation

a) Explain in detail how the above fundamentals help you as a planner to come up with good decisions in transport forecasting. **(20 marks)**

QUESTION 6

Describe the techniques and data collection methods used in transport forecasting and planning. **(20 marks**)