



**The Chartered
Institute of Logistics
and Transport**

INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

PROJECT MANAGEMENT

DIP15

JUNE 2025 EXAMINATION

Instructions to Candidates

- Duration of examination: **3 HOURS**
- **Answer Section A Question 1 Compulsory and any FOUR questions in Section B.**
- Questions may be answered in any order.
- Mark allocation is indicated along each question.
- Credit will be given for citing relevant examples.
- Write legibly.

Section A

(Compulsory)

40 marks

In 2024, a mid-sized city launched an ambitious SmartCity project to transform its urban infrastructure with cutting-edge technologies. The city government has partnered with a private firm to design and implement a smart grid, autonomous public transport systems, sustainable energy solutions, and intelligent traffic management.

This project is expected to boost economic development, improve quality of life, and reduce environmental impact by integrating IoT devices, AI, and sustainable energy technologies into the city's infrastructure.

The project timeline is 3 years, with the first phase focusing on smart grid and traffic management. However, the project has faced a series of challenges: budget overruns, delays in regulatory approvals, and resistance from local communities who are

concerned about data privacy and job loss due to automation.

The project manager, Sarah, is tasked with overseeing the successful completion of the SmartCity initiative. She has to address these challenges while maintaining stakeholder satisfaction and meeting project goals on time and within budget.

QUESTION 1

- a) Analyse different strategies Sarah can use to manage stakeholder expectations and keep them engaged throughout the project. **(20 marks)**
- b) Explain the quality control measures Sarah should put in place, to ensure the final infrastructure is reliable and efficient and meets the standards required for a smart city. **(20 marks)**

SECTION B

Answer any THREE questions.

QUESTION 2

Explain how the triple constraint of project management can affect the project's success, then suggest how project managers can balance these constraints.

(20 marks)

QUESTION 3

Distinguish between Waterfall project management methodology and Agile project management methodology, stating the advantages and disadvantages of each approach.

(20 marks)

QUESTION 4

Using practical examples, distinguish between a project proposal, a project charter and a project plan.

(20 marks)

QUESTION 5

Using project related conflicts as examples, discuss strategies for managing and resolving stakeholder disputes.

(20 marks)