



**The Chartered  
Institute of Logistics  
and Transport**

## **INTERNATIONAL CERTIFICATE IN LOGISTICS AND TRANSPORT**

### **GREEN LOGISTICS**

**09-L3**

**NOVEMBER EXAMINATION 2025**

#### **Instructions to Candidates**

- Duration of examination: **2.30 hours**
  - **Answer any five (5) questions.**
  - **QUESTION ONE (1) IS COMPULSORY.**
  - Start answering each main question on a fresh page.
  - 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 registered Liquefied Petroleum Gas (LPG) dealer, Mr Lucas Zuze Mawele sells 10 kg mental gas cylinder bottles on cylinder exchange basis assisted by her elder daughter Eneles. These cylindrical bottles are stored outside his supermarket north-wind in a strong steel cage. A fire involving LPG can be very dangerous due to the pressurised nature of the cylinders. ZESA's load shading doubled causing widespread shortage of fuels including gas for domestic users and people of all ages including children are queuing for the gas. Mr Lucas Zuze Mawele is facing pressure to handle the situation.

- a) List dangers associated with Liquefied Petroleum Gas (LPG) storage and management. **(6 marks)**
- b) Mention modes of transport used to transport the gas cylinder bottles. **(4 marks)**
- c) Assist Mr Lucas Zuze Mawele with solution to handle the problem mentioned. **(6 marks)**
- d) List safety signage associated with fuel storage including LP Gas. **(4 marks)**

## QUESTION 2

- a) Differentiate between green logistics and reverse logistics. **(5 marks)**
- b) Explain the concept of green logistics and outline the advantages and disadvantages you know. **(15 marks)**

## QUESTION 3

- a) Expand the following abbreviations. **(1 mark each) (5 marks)**  
1. 4PL    2. RFID    3. EIA    4. KPI    5. SME
- b) Discuss with an aid of a diagram how the three (3) pillars of sustainability are connected. **(15 marks)**

## QUESTION 4

Describe four methods for reusing used oil, and for each method, provide two practical advantages and two disadvantages. **(20 marks)**

## QUESTION 5

- a) List and explain any five types of hazardous goods you are familiar with. **(10 marks)**
- b) Discuss the importance of packaging in relation to green logistics. **(10 marks)**

## QUESTION 6

- a) Mention and explain four green logistics technologies that help reduce environmental impact. **(8 marks)**
- b) List four types of hazardous and dangerous goods and explain how they should be stored. **(12 marks)**