



# The Chartered Institute of Logistics and Transport

## CERTIFICATE IN LOGISTICS AND TRANSPORT

### 09-L3 GREEN LOGISTICS

NOVEMBER 2021

Duration 2.30 HOURS

#### Instructions to Candidate

ANSWERS ANY FIVE (5) QUESTIONS

Start each question on a new page.

Credit will be given for citing relevant examples.

Write legibly

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#### Question 1

According to Mintcheva (2005), green logistics is a broad field that encompasses economic, environmental and social elements. Explain the benefits of each element with examples. [20]

#### Question 2

Explain your understanding of the following terms and acronyms as they relate to green logistics

- a) Green packaging [4]
- b) CO<sub>2</sub> emissions [4]
- c) Fuel consumption [4]
- d) Green logistics [4]
- e) Benchmarking [4]

#### Question 3

Discuss the most crucial FOUR drivers of green logistics you are familiar with. Give practical examples [20]

#### Question 4

Identify and discuss major advantages and disadvantages of a firm owning Electrical powered vehicles in Zimbabwe [20]

**Question 5**

Outline familiar barriers hindering green logistics implementation in Zimbabwe [20]

**Question 6**

a) Describe the following Green Logistics terms with practical examples

i. Green Purchasing [5]

ii. Green packaging [5]

b) Expand the following abbreviations (1 mark each) [10]

1.3PL    2. CO<sup>2</sup>    3. EIA    4.EMS    5. SME

6. ISO    7. JIT    8. KPI    9. RFID    10. ROI