



**The Chartered
Institute of Logistics
and Transport**

INTERNATIONAL DIPLOMA IN LOGISTICS AND TRANSPORT

TRANSPORT OPERATIONS

DIP03

NOVEMBER 2025 EXAMINATION

Instructions to Candidates

- Duration of examination: **3 HOURS**
 - **Answer Question 1(Compulsory) and any other FOUR (4) questions.**
 - 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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SECTION A

QUESTION 1

(Compulsory)

- a) Zim Road-Link Luxury transport company has been given a 40-kilometre-long route to run 5 buses. The cost of each bus is 6,050,000. The buses will make 3 round trips per day carrying on an average 80 percent passengers of their seating capacity. The seating capacity of each bus is 40 passengers. The buses will run on an average 25 days in a month. The other information for the year 2024-25 is given below:

The Currency is in ZWG

Garage rent	4,000 per month
Annual repairs and maintenance	22,500 each bus
Salaries of 5 drivers	3,000 each per month
Wages of 5 conductors	1,200 each per month
Manager's salary	7,500 per month
Road tax, permit fee, etc.	5,000 for a quarter
Office expenses	2,000 per month
Cost of diesel per litre	33
Kilometre run per litre for each but	6 kilometers
Annual depreciation	15% of cost
Annual Insurance	3% of cost

Task: You are required to calculate the bus fare to be charged from each passenger per kilometer, if the company wants to earn profits of $33\frac{1}{3}$ percent on taking (total receipts from passengers). **(10 marks)**

QUESTION 1

- b) To develop tourism in Zimbabwe, Air Zimbabwe airlines has been given permit to operate three flights a week between Harare and Victoria-Falls cities (both side). The airline operates a single aircraft with 160-seat capacity. The normal occupancy is estimated at 60% throughout the year of 52 weeks. The one-way fare is ZWG 7,200.

The cost of operation of flights is (ZWG)

Fuel cost (variable)	96,000 per flight
Food served on board on non-chargeable basis	125 per passenger
Commission 5% of fare applicable for all booking	Fixed cost:
Aircraft lease	3,50,000 per flight

Landing Charges

72,000 per flight

As a new Operations Manager you are required to:

- (i) Calculate the net operating income per flight. **(5 marks)**
- (ii) The airline expects that its occupancy will increase to 108 passengers per flight if the fare is reduced to 6,720. Advise whether this proposal should be implemented or not.

(5 marks)

SECTION B

Answer any FOUR questions only

QUESTION 2

Discuss the role of technology in optimizing transport costing.

(20 marks)

QUESTION 3

Discuss the key factors influencing transport demand in Zimbabwean rural areas since 2010 to date.

(20 marks)

QUESTION 4

Examine the challenges of integrating multimodal transport systems in SADC.

(20 marks)

QUESTION 5

Discuss the implications of globalization on transport operations.

(20 marks)

QUESTION 6

Critically analyse the effectiveness of transport safety regulations in Zimbabwe.

(20 marks)