



ZIMBABWE

**MINISTRY OF HIGHER AND TERTIARY EDUCATION,
INNOVATION, SCIENCE AND TECHNOLOGY DEVELOPMENT**

**HIGHER EDUCATION EXAMINATIONS COUNCIL
(HEXCO)**

NATIONAL CERTIFICATE

IN

LOGISTICS AND TRANSPORT

MODULE: Cargo Booking

PAPER NO: 367/22/M05

DURATION: 3 hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

1. Blue pen
2. Calculator

INSTRUCTIONS TO CANDIDATE

1. Section A is compulsory.
2. Answer any three (3) questions from Section B.

This paper consists of 3 printed pages.

PAPER NO: 367/22/M07 - CARGO BOOKING

SECTION A [40 marks]

[Compulsory]

QUESTION 1

Explain the following terms:

- a) Absorption costing (5 marks)
- b) Marginal costing (5 marks)
- c) Credit management in logistics (5 marks)
- d) Cash on delivery (5 marks)

QUESTION 2

- a) Prepare budget for a year given the following information:
 - Distance for the year 130 000km per vehicle
 - Fleet compliment - 12
 - Driver compliment - 16
 - Fuel consumption rate (FCR) - 1 litre/3km
 - Fuel pump price per litre - \$1.60
 - Oil cost 5 litre cost \$40
 - Tyre life span - 13 000km
 - Cost of tyre cse - \$120
 - Compliments of wheels per vehicles - 22
 - Number of toll gates on one way - 4
 - Toll gate entry fee - \$20
 - Annual vehicle standing costs - \$9000
 - Vehicles are new
 - Number of trips per month - 12
 - Number of working days in a month - 20
 - Number of working days in a year - 260
 - Allowance of drivers per round trip - \$50
 - Insurance costs per year per vehicle - \$400 (15 marks)
- b) Outline any five (5) potential risks that can be encountered on booking and receiving consignment to be moved. (5 marks)

PAPER NO: 367/22/M07 - CARGO BOOKING

SECTION [60 marks]

Answer any three (3) questions from this section.

QUESTION 3

Explain five (5) uses of queuing theory in passenger logistics upon booking and ticketing. (20 marks)

QUESTION 4

Identify and explain any five (5) reasons for having cash flow management in transport. (20 marks)

QUESTION 5

Discuss any five (5) ways of conflicts resolutions towards queries and grievances of clients. (20 marks)

QUESTION 6

Articulate any five (5) importance of contract management in the movement of cargo. (20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Vehicle Routing and Scheduling PAPER NO: 367/22/M04

DURATION: 3 Hours

OCTOBER / NOVEMBER 2024 EXAMINATION

REQUIREMENTS

- 1. Calculator**
- 2. Blue pen**
- 3. Ruler**

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A.**
- 2. Answer any three (3) questions from Section B.**

SECTION A

Answer all questions.

QUESTION 1

Discuss any five (5) factors that are considered when designing a timetable for bus operation. (20 marks)

QUESTION 2

Examine any four (4) methods of collecting information of a route. (20 marks)

SECTION B

Answer any three (3) questions.

QUESTION 3

Detail any four (4) vehicle selection strategies for delivery of goods. (20 marks)

QUESTION 4

- a) Define peak and trough demand. (4 marks)
- b) Explain any five (5) causes for peak demand. (16 marks)

QUESTION 5

- a) Define customer service in logistics. (5 marks)
- b) Explain any five (5) benefits of customer service. (15 marks)

QUESTION 6

Explain any five (5) components of trip report form. (20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo Dispatching

PAPER NO: 367/22/M06

DURATION: 3 Hours

MAY/JUNE 2024 EXAMINATION

REQUIREMENTS

- 1) Calculator
- 2) Blue pen
- 3) Ruler

INSTRUCTIONS TO CANDIDATE

- 1) Answer all questions from section A.
- 2) Answer any three (3) questions from section B.

This paper consists of 3 printed pages.

SECTION A: ANSWER ALL QUESTIONS (40 MARKS)

QUESTION 1

Zvinoita Logistics a bonded warehouse company had booked trucks to both pick and drop the following consignment. The warehouse is located in Gweru light industrial area. The dispatcher of the warehouse has a schedule of the vehicles to execute

The schedule of vehicles

Vehicle Registration Number	Time booked	Type of Cargo	activity
AED 2077	0700	Bulk cargo	Loading
AFC 2018	0730	Break the bulk	Off loading
AFA 2030	0800	Containerised	Off loading
ACD 2043	0800	Containerised	Loading
ACD 2044	0830	Bulk cargo	Off loading
ACD 2045	0900	Bulk cargo	Off loading
AED3310	0930	Bulk cargo	Off loading
AED3311	0900	Break the bulk	Loading
AED4011	0930	Break the bulk	Loading
AED4012	0700	Bulk cargo	Off loading

- Draw the table to show vehicles that are going to pick and drop in their order of sequence. (10 marks)
- Explain four (4) handling aids to be used to load and secure break the bulk cargo. (6 marks)
- Explain what the dispatcher checks on both the vehicle and containerised cargo before loading and offloading bulk cargo. (4 marks)

QUESTION 2

Explain five (5) transport documents used by a dispatcher on dispatching vehicles at any terminal. (20 marks)



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IN

LOGISTIC AND TRANSPORT MANAGEMENT

MODULE: Fleet Control

PAPER NO: 367/22/M01

DURATION: 3 Hours

JUNE 2023 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1) Answer all questions in Section A.**
- 2) Answer any three questions in Section B.**

This paper consists of 3 printed pages.

SECTION A

Answer all questions 40 marks

QUESTION 1

An ABC haulage company with 20 trucks operating in Mutare requires your advice on the following types of maintenance.

- a) Define vehicle maintenance. (5 marks)
- b) Discuss the following types of vehicle maintenance programs to be used by the company.
 - i) Reactive maintenance. (5 marks)
 - ii) Preventive maintenance. (5 marks)
 - iii) Periodic maintenance. (5 marks)

QUESTION 2

Explain any five activities of fleet management. (20 marks)

SECTION B

Answer any three questions. (60 marks)

QUESTION 3

Write short notes on the following:

- a) Fixed costs. (5 marks)
- b) Variable costs. (5 marks)
- c) Direct costs. (5 marks)
- d) Indirect costs. (5 marks)

QUESTION 4

Elaborate on any five (5) objectives of Safety Health Environment and Quality in the transport sector. (20 marks)

QUESTION 5

Explain any five (5) importance of document security in a firm of your choice. (20 marks)

QUESTION 6

Suggest any five factors that a fleet manager should consider when planning to purchase a vehicle for operation. (20 marks)

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IN

LOGISTICS AND TRANSPORT

MODULE: Cargo Dispatching

PAPER NO: 367/22/M06

DURATION: 3 Hours

NOVEMBER/DECEMBER 2023 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions in Section A**
- 2. Answer three (3) questions in Section B**

This paper consists of 2 printed pages.

PAPER NO: 367/22/M06- CARGO DISPATCHING

SECTION A: 40 marks

Answer all questions

QUESTION 1

Explain any five (5) reasons for undertaking vehicle inspection before loading a vehicle. (20 marks)

QUESTION 2

Outline and explain any five (5) different product types/characteristics. (20 marks)

SECTION B: 60 marks

Answer any three (3) questions

QUESTION 3

Explain any five (5) functions of packaging cargo before dispatching. (20 marks)

QUESTION 4

Vehicle routing, scheduling and load planning have a major impact on the effectiveness of dispatching cargo. Explain five (5) effects. (20 marks)

QUESTION 5

Discuss any five (5) key performance indicators (KPIs) for driver management. (20 marks)

QUESTION 6

Discuss any four (4) risks involved in the carriage of petroleum products. (20 marks)



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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Fleet Control

PAPER NO: 367/22/M01

DURATION: 3 hours

MAY/JUNE 2024 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A.**
- 2. Answer any three (3) questions from Section B.**

This paper consists of 3 printed pages.

SECTION A

Answer all questions.

QUESTION 1

The most important asset a company has is its human element, as they ensure that operations run correctly. Occupational and non-occupational related elements are preventable through effective workplace programmes that support a healthy, safe and productive work teams. Workers in the transport sector are highly susceptible to a number of work related disorders.

- a) Identify any four (4) occupational related disorders. (4 marks)
- b) Discuss any four (4) ways of improving safety and health situations at an organisation. (16 marks)

QUESTION 2

Discuss any four (4) factors that a fleet manager should examine when planning to replace a fleet. (20 marks)

SECTION B

Answer any three (3) questions.

QUESTION 3

- a) Differentiate between fixed costs and variable costs. (4 marks)
- b) Discuss any four (4) cost reduction approaches in transport management. (16 marks)

QUESTION 4

Detail any five (5) objectives of S. H. E. regulations in transport management. (20 marks)

PAPER NO: 367/22/M01 - FLEET CONTROL

QUESTION 5

Explain any five (5) causes of accidents in transport management. (20 marks)

QUESTION 6

Analyse any five (5) benefits of outsourcing garage services. (20 marks)

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IN

LOGISTICS AND TRANSPORT

MODULE: Cargo Dispatching

PAPER NO: 367/22/M06

DURATION: 3 Hours

OCTOBER / NOVEMBER 2024 EXAMINATION

REQUIREMENTS

- 1. Calculator**
- 2. Blue pen**
- 3. Ruler**

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A.**
- 2. Answer three (3) questions from Section B.**

This paper consists of 2 printed pages.

SECTION A

Compulsory – (40 marks)

Answer all questions in Section A.

QUESTION 1

Case study

Border timbers Company has been given a contract by a furniture manufacturing company in Harare to supply timber for production. Two haulage trucks need to be loaded with timber at Border timbers.

As a dispatch clerk, you have been given the task to dispatch this consignment.

Examine five (5) different documents that you are going to use in dispatching the timber. (20 marks)

QUESTION 2

Briefly explain the following terms:

- a) Third part logistics (3PL). (10 marks)
- b) Courier service providers. (10 marks)

SECTION B

Answer any three (3) questions from the following – (60 marks)

QUESTION 3

- a) Enumerate any five (5) characteristics of cargo/goods that influence transport mode choice. (10 marks)
- b) Discuss in detail the “Queuing Theory” concept. (10 marks)

QUESTION 4

Discuss five components of a valid cargo manifest. (20 marks)

QUESTION 5

Outline and explain five (5) factors which determine the loading and offloading requirements in cargo transportation. (20 marks)

QUESTION 6

Evaluate five (5) KPI's (KEY Performance Indicators) for driver management. (20 marks)

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IN

LOGISTICS AND TRANSPORT

MODULE: Legal Compliance PAPER NO: 367/22/M02

DURATION: 3 hours

NOVEMBER/DECEMBER 2023 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1) Answer all questions in Section A.**
- 2) Answer any 3 questions in Section. B**

This paper consists of 3 printed pages.

SECTION A (40 marks)

Answer all questions.

QUESTION 1

Explain any five (5) essentials of a valid contract. (20 marks)

QUESTION 2

Identify and explain any five types of licences in transport operation. (20 marks)

SECTION B (60 marks)

Answer any three questions from this section.

QUESTION 3

Write elaborative notes on the following incoterms:

- a) EXW. (4 marks)
- b) FOB (4 marks)
- c) FAS (4 marks)
- d) CFR (4 marks)
- e) CIF. (4 marks)

QUESTION 4

State and explain any five (5) statutory requirements in various modes of transport. (20 marks)

QUESTION 5

Examine the roles of the following regulations bodies:

- a) VID (4 marks)
- b) ICAO (4 marks)
- c) IATA (4 marks)
- d) ZINARA (4 marks)

PAPER NO: 367/22/M02 LEGAL COMPLIANCE

QUESTION 6

Explain any five (5) things that are checked by ZRP and other enforcement agencies at road blocks. (20 marks)

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NATIONAL CERTIFICATE

IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Supply Chain Operations

PAPER NO: 367/22/M07

DURATION: 3 Hours

MAY / JUNE 2024 EXAMINATION

REQUIREMENTS

1. Calculator
2. Blue pen
3. Ruler

INSTRUCTIONS TO CANDIDATE

1. Answer all questions from Section A.
2. Answer any three (3) questions.

This paper consists of 3 printed pages.

SECTION A

Answer all questions (40 marks)

QUESTION 1

A growing confectionary company, BC, which was operating in Mutare has now opened another branch in Harare. The following information is provided to manage shipment of inventory in the supply chain.

Bakery	Masvingo Distribution centre	Mvuma Distribution centre	Gweru Distribution centre	Supply at most
Mutare	\$8	\$6	\$10	40
Harare	\$9	\$12	\$13	50
Demand units per Distribution	at least 30	at least 30	at least 30	

The unit of shipping or transportation of inventory depends on distance. The cost are indicated on the table for example Mutare to Masvingo is \$8, Mutare to Mvuma \$6, Harare to Masvingo \$9 and Harare to Mvuma \$12. Answer the following:

- Mutare Bakery is producing 40 units as shown on the table, determined how it is distributed to the distribution centres at a lowest costs.
(5 marks)
- Harare Bakery is producing 50 units as shown on the table, determine how it is distributed to the distribution centres at lowest cost.
(5 marks)
- Explain two (2) inventory techniques to be used in managing such inventory.
(10 marks)

QUESTION 2

“Supply chain operation is centred on managing it’s three flows to attain sustainable competitive advantage.” Describe the three flows to be managed.
(20 marks)

SECTION B

Answer any three (3) questions.

QUESTION 3

Detail any four (4) macro-economic factors that affect the supply chain operations. (20 marks)

QUESTION 4

Identify and explain any five (5) Supply Chain risks. (20 marks)

QUESTION 5

Describe the procurement cycle. (20 marks)

QUESTION 6

- a) Define customer service. (4 marks)
- b) Explain the three (3) phases of customer service. (16 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Fleet Control

PAPER NO: 367/22/M01

DURATION: 3 Hours

OCTOBER/NOVEMBER 2024 EXAMINATION

REQUIREMENTS

Calculator, blue pen and ruler.

INSTRUCTIONS TO CANDIDATE

- 1. Answer ALL questions from Section A.**
- 2. Answer ANY THREE (3) questions from Section B.**

This paper consists of 3 printed pages.

PAPER NO: 367/22/M01 – FLEET CONTROL

SECTION A

40 MARKS

Answer ALL questions.

QUESTION 1

- (a) Identify any five defects of a vehicle. (5 marks)
- (b) Explain three types of vehicle maintenance a haulage company can adopt to ensure vehicles are fit all the times. (15 marks)

QUESTION 2

Explain three approaches to ensure a safe system in fleet management. (20 marks)

PAPER NO: 367/22/M01 – FLEET CONTROL

SECTION B

60MARKS

Answer ANY THREE (3) questions

QUESTION 3

- (a) Define fleet management. (4 marks)
- (b) Evaluate any four activities involved in fleet management. (16 marks)

QUESTION 4

State and explain any five benefits of vehicle maintenance. (20 marks)

QUESTION 5

Identify and explain any five major cost drivers in transport management. (20 marks)

QUESTION 6

Evaluate any five reasons of outsourcing transport services. (20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Vehicle Routing and Scheduling PAPER NO: 367/22/M04

DURATION: 3 Hours

OCTOBER / NOVEMBER 2024 EXAMINATION

REQUIREMENTS

- 1. Calculator**
- 2. Blue pen**
- 3. Ruler**

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A.**
- 2. Answer any three (3) questions from Section B.**

This paper consists of 2 printed pages.

SECTION A

Answer all questions.

QUESTION 1

Discuss any five (5) factors that are considered when designing a timetable for bus operation. (20 marks)

QUESTION 2

Examine any four (4) methods of collecting information of a route. (20 marks)

SECTION B

Answer any three (3) questions.

QUESTION 3

Detail any four (4) vehicle selection strategies for delivery of goods. (20 marks)

QUESTION 4

- a) Define peak and trough demand. (4 marks)
- b) Explain any five (5) causes for peak demand. (16 marks)

QUESTION 5

- a) Define customer service in logistics. (5 marks)
- b) Explain any five (5) benefits of customer service. (15 marks)

QUESTION 6

Explain any five (5) components of trip report form. (20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo Booking

PAPER NO: 367/22/M05

DURATION: 3 hours

JUNE 2026 EXAMINATION

REQUIREMENTS

1. Calculator
2. Blue pen
3. Ruler

INSTRUCTIONS TO CANDIDATE

1. Section A is compulsory.
2. Answer any three (3) questions in Section B.

This paper consists of 3 printed pages.

SECTION A [40 marks]**Compulsory****QUESTION 1**

Route information is provided in terms of distance chart for Harare to Mt. Darwin.

Harare	0			
Mazoe	40	0		
Bindura	88	48	0	
Madziwa	140	100	50	0
Mt. Darwin	158	118	70	18

- a) The cost per seat per km is \$0.05. Complete the fare table below.

Harare				
Mazoe	\$2.00			
Bindura	\$4.40	A		
Madziwa	\$7.00	\$5	C	
Mt. Darwin	\$7.90	B	D	E

Find A, B, C, D and E.

(5 marks)

- b) Explain briefly various charging rates:

- | | |
|------------------------|-----------|
| i) Flat rates | (3 marks) |
| ii) Stage rates | (3 marks) |
| iii) Wet and dry rates | (6 marks) |
| iv) Market based rates | (3 marks) |

QUESTION 2

- a) Upon booking passenger through ticketing and booking consignment through receipting consignment notes, bill of lading and air way bills, these are accounted by the accounts department. List any five sources of accounts in transport and logistics. (5 marks)
- b) Explain how government is involved in the transport sector. Highlight three (3) ways. (15 marks)

SECTION B [60 marks]

Answer any three (3) questions.

QUESTION 3

"Risk assessment is part of accepting request to move goods." Outline and explain five (5) steps of risk assessment procedure. (20 marks)

QUESTION 4

Describe any five (5) documents used in the movement of cargo. (20 marks)

QUESTION 5

Outline any five (5) methods of communicating turnaround time to clients. (20 marks)

QUESTION 6

- a) Explain any five (5) advantages of a hub and spoke system. (10 marks)
- b) Articulate any five determinants of vehicle capacity. (10 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo Booking

PAPER NO: 367/22/M05

DURATION: 3 hours

JUNE 2026 EXAMINATION

REQUIREMENTS

1. Calculator
2. Blue pen
3. Ruler

INSTRUCTIONS TO CANDIDATE

1. Section A is compulsory.
2. Answer any three (3) questions in Section B.

This paper consists of 3 printed pages.

SECTION A [40 marks]

Compulsory

QUESTION 1

Route information is provided in terms of distance chart for Harare to Mt. Darwin.

Harare	0			
Mazoe	40	0		
Bindura	88	48	0	
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Mt. Darwin	158	118	70	18

- a) The cost per seat per km is \$0.05. Complete the fare table below.

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Mt. Darwin	\$7.90	B	D	E

Find A, B, C, D and E.

(5 marks)

- b) Explain briefly various charging rates:

- | | |
|------------------------|-----------|
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| ii) Stage rates | (3 marks) |
| iii) Wet and dry rates | (6 marks) |
| iv) Market based rates | (3 marks) |

QUESTION 2

- a) Upon booking passenger through ticketing and booking consignment through receipting consignment notes, bill of lading and air way bills, these are accounted by the accounts department. List any five sources of accounts in transport and logistics. (5 marks)
- b) Explain how government is involved in the transport sector. Highlight three (3) ways. (15 marks)

SECTION B [60 marks]

Answer any three (3) questions.

QUESTION 3

“Risk assessment is part of accepting request to move goods.” Outline and explain five (5) steps of risk assessment procedure. (20 marks)

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QUESTION 5

Outline any five (5) methods of communicating turnaround time to clients. (20 marks)

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- a) Explain any five (5) advantages of a hub and spoke system. (10 marks)
- b) Articulate any five determinants of vehicle capacity. (10 marks)

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NATIONAL CERTIFICATE

IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Legal Compliance

PAPER NO: 367/22/M02

DURATION: 3 hours

JUNE 2026 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions form Section A.**
- 2. Answer any three (3) questions from Section B.**

This paper consists of 3 printed pages.

SECTION A [40 marks]

Compulsory

QUESTION 1

- a) Identify any four (4) Acts used to regulate operations of any four (4) different modes. (4 marks)
- b) You want to dispatch a truck with a container of sulphuric acid from ZIMPHOS, Harare – Zimbabwe to United Capital Fertiliser company, Lusaka Zambia.

Prepare a compliance check list for the following:

- | | | |
|------|---------------|-----------|
| i) | Horse/tractor | (4 marks) |
| ii) | Trailer | (4 marks) |
| iii) | Goods | (4 marks) |
| iv) | Driver | (4 marks) |

QUESTION 2

Explain the functions of the following regulatory authorities:

- a) Civil Aviation Authority of Zimbabwe (CAAZ). (10 marks)
- b) Road Motor Transport Department (RMT). (10 marks)

SECTION B [60 marks]

Answer any three (3) questions.

QUESTION 3

Articulate any five (5) key drivers for insurance covers in the transport and logistics industry. (20 marks)

QUESTION 4

- a) Define transit law. (5 marks)
- b) Explain any five (5) purposes of transit law. (15 marks)

QUESTION 5

A dispute arose between two parties X and Y Corporation, regarding a breach of contract concerning transportation of goods. The contract specified the quantity and time of delivery which was not met. Explain the arbitration process that X and Y corporation would follow to resolve their disputes. (20 marks)

QUESTION 6

Discuss judicial precedence as a source of law.

(20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Supply Chain Operations

PAPER NO: 367/22/M07

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

1. Calculator
2. Ruler
3. Blue pen

INSTRUCTIONS TO CANDIDATE

1. Answer all questions from Section A.
2. Answer any three (3) questions from Section B.

This paper consists of 3 printed pages.

SECTION A (40 marks)

Answer all questions

QUESTION 1

It's 8:50pm, and you are watching your favourite team. A message just flicked on your phone from your brother abroad. He requested you to make an order of a laptop as your birthday present. The laptop will be very handy in your current studies this semester. You logged in to web site of one of the big players and configure your dream machine that will serve even your most demanding computing requirements for the rest of time at college. You press the order button and in less than four days your dream computer is delivered right at your home built to your specifications. You were left surprised and with a big question, "how can organisations far away like this deliver to customers in such a timely manner products to meet unique customer requirements?" The answer you get was "value chain management"

- a) Define value chain management (5 marks)
- b) Discuss any five (5) requirements for a successful value management. (15 marks)

QUESTION 2

- a) Give any four (4) types of inventory in supply chain operation. (4 marks)
- b) Discuss any four (4) reasons why inventory should be properly managed for a successful supply chain operation. (16 marks)

SECTION B (60 marks)

Answer any three (3) questions.

QUESTION 3

Identify and explain any five (5) micro-economic factors that affect the supply chain. (20 marks)

QUESTION 4

Write short notes on the following:

- a) Inbound logistics (5 marks)
- b) Outbound logistics (5 marks)

PAPER NO: 367/22/M07 – Supply Chain Operations

- c) Supply chain drivers (5 marks)
- d) Make or buy decision (5 marks)

QUESTION 5

Explain any five (5) key performance indicators in the supply chain management. (20 marks)

QUESTION 6

Explain any five (5) roles of ICT in supply chain operations. (20 marks)

.../fem



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DEVELOPMENT**

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo and Vehicle Tracking

PAPER NO: 367/22/M03

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

Blue pen, Calculator, Ruler

INSTRUCTIONS TO CANDIDATE

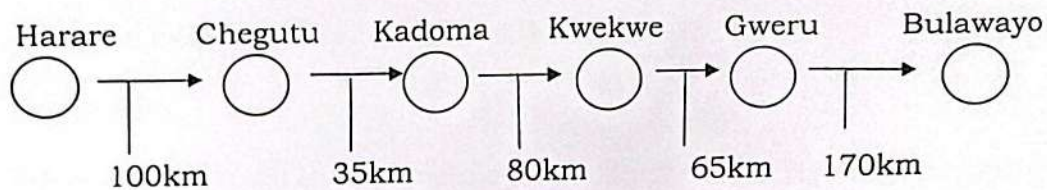
- 1. Section A (Compulsory)**
- 2. Section B: Answer three (3) questions.**

This paper consists of 3 printed pages.

Section A (Compulsory 40 marks)

QUESTION 1

A case of how TPL company operates and tracks its fleet. Below is a route network for the determination of time given, distance and speed.



The speed limits the truck are to use are split into:

- a) Speed within each city is 60km/hour 10km radius.
- b) Speed between cities 80km/hour

As a Tracking Officer set up time schedule that you will use to track position of trucks on the way in order to enhance vehicle and crew productivity, if the trucks are to depart by 0600hours. (20 marks)

QUESTION 2

Explain driver behaviour which is tracked and monitored at the following places:

- a) Loading point (5 marks)
- b) Transit (5 marks)
- c) Trucking inn (5 marks)
- d) Off loading points (5 marks)

QUESTION 3

“Tracking is all about revealing real time information in order to mitigate risks for safe delivery of goods and arrival of people”. In response to this statement, answer the following questions:

- a) Explain how probability of risk occurrence and its impacts are analysed. (10 marks)
- b) Explain methods to mitigate the risks. (10 marks)

QUESTION 4

Outline any five (5) uses of technography in the tracking of goods and vehicles. (20 marks)

QUESTION 5

Identify and explain any five (5) reasons for tracking goods and vehicles. (20 marks)

QUESTION 6

State and explain any five (5) stakeholders concerned with tracking of goods and services. (20 marks)

.../tez



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IN

LOGISTICS AND TRANSPORT MANAGEMENT

**MODULE: Logistics and Transport
Legal Compliance**

PAPER NO: 367/25/M02

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

Calculator.

INSTRUCTIONS TO CANDIDATE

Answer any five questions.

This paper consists of 2 printed pages.

QUESTION 1

Explain in detail any five importance of keeping a transport permit database which is up to date. (20 marks)

QUESTION 2

Elaborate on five principles of law in transport. (20 marks)

QUESTION 3

Explain the following legal terms:

- (a) Staff training compliance (5 marks)
- (b) Compliance violations (5 marks)
- (c) Penalties avoidance (5 marks)
- (d) licencing authorities (5 marks)

QUESTION 4

Explain any four ways of breaching transport contracts. (20 marks)

QUESTION 5

Discuss any five duties of a common carrier. (20 marks)

QUESTION 6

Analyse any five metrics for assessing compliance in transport audit. (20 marks)

QUESTION 7

Assess any five functions of ZINARA. (20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Fleet Control

PAPER NO: 367/25/M01

DURATION: 3 Hours

JUNE 2026 EXAMINATION

REQUIREMENTS

Calculator

INSTRUCTIONS TO CANDIDATE

Answer any five (5) questions.

This paper consists of 2 printed pages.

QUESTION 1

Explain any five (5) components of an online Dashboard in Fleet Control.
(20 marks)

QUESTION 2

- a) Define vehicle maintenance. (2 marks)
- b) Discuss any three (3) types of vehicle maintenance. (18 marks)

QUESTION 3

Elaborate on any five (5) ways of reducing average down time per vehicle.
(20 marks)

QUESTION 4

Analyse any four (4) technologies that can be used in managing fleet utilisation by fleet manager.
(20 marks)

QUESTION 5

- a) Define fleet control. (5 marks)
- b) Explain any five (5) benefits of fleet control. (15 marks)

QUESTION 6

Discuss any five (5) strategies to keep maintenance costs within set budget of fleet operational expenses.
(20 marks)

QUESTION 7

Explain the functions of each of the following bodies:

- a) VID (5 marks)
- b) EMA (5 marks)
- c) ZINARA (5 marks)
- d) ZRP (5 marks)

...../pm



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IN

LOGISTICS AND TRANSPORT

MODULE: Cargo Booking

PAPER NO: 367/22/M05

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

Calculator, Blue pen, Ruler

INSTRUCTIONS TO CANDIDATE

- 1. Section A (Compulsory)**
- 2. Section B: Answer any three (3) questions.**

This paper consists of 4 printed pages.

Section A (Compulsory)

40 marks

QUESTION 1

A new freight company has numerous vehicle types employed in its diverse operations. Its fleet consists of plants, heavy trucks, pool cars and equipment. As a new company, it needs highly skilled personnel to manage operations. However, as an expert advise on the factors which the management may consider when selecting a vehicle for its diverse operations.

(20 marks)

QUESTION 2

Describe any five purposes of documentation in transport and logistics business.

(20 marks)

Section B

Answer any three (3) questions (60 marks).

QUESTION 3

Identify and explain any five (5) payment terms in logistics operations.
(20 marks)

QUESTION 4

Explain the uses of the following documents to account logistics costs and revenue.

- a) Cash Book (5 marks)
- b) Income Statement (5 marks)
- c) Balance sheet (5 marks)
- d) Budget (5 marks)

QUESTION 5

- a) Cost per km for 60 seater bus of TPL Coaches that ply Harare – Mutare route is \$2.22. Distance between Harare Mutare is 260km, Harare to Rusape 170km, and Harare to Marondera is 74. You are asked to ticket 40 passengers to Mutare, 15 to Rusape and 5 to Marondera. Calculate revenue you will collect. (12 marks)
- b) Cost per km per tonne is 10c, for 30 tonne, 15c for 10 tonne and 20c for 5 tonne and 25c for 3 tonne. Submit a quotation to WFP, WFP wishes to move goods from Harare to Beitbridge, 500km submit your quotation for:
 - i) 30 tonne (2 marks)
 - ii) 10 tonne (2 marks)
 - iii) 5 tonne (2 marks)
 - iv) 3 tonne (2 marks)

QUESTION 6

Write notes on.

- | | |
|--|-----------|
| a) Warehouse Management System (WMS) | (5 marks) |
| b) Mobility index | (5 marks) |
| c) Transport intelligent systems (TIS) | (5 marks) |
| d) Transshipment procedures | (5 marks) |

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Fleet Control

PAPER NO: 367/22/M01

DURATION: 3 Hours

NOVEMBER / DECEMBER 2025 EXAMINATION

REQUIREMENTS

- 1. Blue pen**
- 2. Calculator**

INSTRUCTIONS TO CANDIDATE

- 1. Section A: Compulsory.**
- 2. Section B: Answer any three (3) questions.**

This paper consists of 3 printed pages.

SECTION A

COMPULSORY – 40 MARKS

QUESTION 1

Gopito Company's operational and fleet maintenance statistics are shown in the table below.

Months	Total fleet size	Fleet Available for duty	Breakdown of vehicle on duty	Cost of repair
January	50 trucks	40 trucks	4 trucks	\$ 200-00
February	50 trucks	45 trucks	0 trucks	\$ 00-00
March	50 trucks	35 trucks	10 trucks	\$1100-00
April	50 trucks	30 trucks	5 trucks	\$ 800-00
May	50 trucks	40 trucks	4 trucks	\$ 300-00
June	50 trucks	35 trucks	4 trucks	\$ 400-00

- a) List any five (5) vehicle defects. (5 marks)
- b) Calculate vehicle availability rate for every month. (6 marks)
- c) Calculate breakdown rate for every month. (6 marks)
- d) List three (3) ways to reduce breakdown rate. (3 marks)

QUESTION 2

Explain five uses of internet of Things (IOT) in fleet operations. (20 marks)

SECTION B

Answer any three (3) questions – (60 marks).

QUESTION 3

Discuss any five (5) constraints to optimum fleet utilization. (20 marks)

QUESTION 4

Assess five (5) causes of road accidents. (20 marks)

QUESTION 5

Explain five (5) importance of document security in Fleet Management. (20 marks)

QUESTION 6

Examine five (5) key performance indicators for fleet utilization? (20 marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo Dispatching

PAPER NO: 367/22/M06

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

- 1. Calculator**
- 2. Blue pen**
- 3. Ruler**

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A**
- 2. Answer three (3) questions from Section B.**

This paper consists of 2 printed pages.

SECTION A

Compulsory (40 marks)

QUESTION 1

OPQ logistics, a leading logistics company transport a variety of cargo across the country. To optimise their operations, they must match the right vehicle configuration to the cargo characteristics. Analyse five (5) factors to be considered when matching vehicle configuration to the cargo characteristics. (20 marks)

QUESTION 2

Highlight and explain five (5) aspects on Theory verification on loading and offloading cargo. (20 marks)

SECTION B

Answer any three (3) questions (60 marks)

QUESTION 3

Detail five (5) methods of handling cargo. (20 marks)

QUESTION 4

Write short notes on the following:

- a) Driver management (5 marks)
- b) Contract management (5 marks)
- c) Load and trip management (5 marks)
- d) Terminal management (5 marks)

QUESTION 5

Suggest any five strategic services that drivers may access along the route. (20 marks)

QUESTION 6

Examine any five (5) implications of failing to observe health and safety issues at workplace. (20 marks)

.../fcm



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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo Dispatching

PAPER NO: 367/22/M06

DURATION: 3 Hours

NOVEMBER/ DECEMBER 2025 EXAMINATION

REQUIREMENTS

1. Calculator
2. Blue pen
3. Ruler

INSTRUCTIONS TO CANDIDATE

1. Answer all questions from Section A
2. Answer three (3) questions from Section B.

This paper consists of 2 printed pages.

SECTION A

Compulsory (40 marks)

QUESTION 1

OPQ logistics, a leading logistics company transport a variety of cargo across the country. To optimise their operations, they must match the right vehicle configuration to the cargo characteristics. Analyse five (5) factors to be considered when matching vehicle configuration to the cargo characteristics. (20 marks)

QUESTION 2

Highlight and explain five (5) aspects on Theory verification on loading and offloading cargo. (20 marks)

SECTION B

Answer any three (3) questions (60 marks)

QUESTION 3

Detail five (5) methods of handling cargo. (20 marks)

QUESTION 4

Write short notes on the following:

- a) Driver management (5 marks)
- b) Contract management (5 marks)
- c) Load and trip management (5 marks)
- d) Terminal management (5 marks)

QUESTION 5

Suggest any five strategic services that drivers may access along the route. (20 marks)

QUESTION 6

Examine any five (5) implications of failing to observe health and safety issues at workplace. (20 marks)

.../fem



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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Cargo and Vehicle Tracking

PAPER NO: 367/22/M03

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

- 1. Blue Pen.**
- 2. Ruler**

INSTRUCTIONS TO CANDIDATE

- 1. Section A: compulsory**
- 2. Section B: Answer any 3 questions**

This paper consists of 2 printed pages.

SECTION A- Compulsory

QUESTION 1

Trust company is a general cargo hauler that depends upon tracking of vehicle and consignment in order to achieve set goals. The aim is to reduce operations costs while meeting expected service levels. The company obtained two contracts to move fresh meat with ten refer trucks and the other to move stock feeds. The performance of company to meet contract requirements and service levels depends upon cargo and vehicle tracking. Answer the following questions.

- a) Compare and contrast how vehicle and consignment of two contract can be tracked (10marks)
- b) Explain how crew tracking can be done to ensure high employee productivity and safe delivery of goals. (10marks)

QUESTION 2

- a) Examine how route and trip affect tracking of freight movement. (20marks)

SECTION B (Answer any three (3) questions)

QUESTION 3

- a) Explain how tracking contribute towards achievement of five rights of a supply chain of choice. (20marks)

QUESTION 4

- a) Explain five reasons why managers must understand route analysis in the tracking of goods. (20marks)

QUESTION 5

- a) Describe any five means of communicating orders to nearest points. (20marks)

QUESTION 6

- a) Identify and explain any five types of terminal points where tracking of goods and service can be done. (10marks)
- b) Outline any five items to be included in the tracking report. (10marks)

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IN

LOGISTICS AND TRANSPORT MANAGEMENT

MODULE: Legal Compliance

PAPER NO: 367/22/M02

DURATION: 3 Hours

NOVEMBER/DECEMBER 2025 EXAMINATION

REQUIREMENTS

INSTRUCTIONS TO CANDIDATE

- 1. Answer all questions from Section A.**
- 2. Answer any three questions from Section B.**

This paper consists of 2 printed pages.

SECTION A

40 MARKS

COMPULSORY

QUESTION 1

- (a) Explain at least five types of licences in transport management. (20 marks)
- (b) Detail judicial precedent as a source of law in logistics and transport management. (20 marks)

QUESTION 2

Explain the functions of the following licencing authorities:

- (a) CAAZ (5 marks)
- (b) VID (5 marks)
- (c) RMT (5 marks)
- (d) CVR (5 marks)

SECTION B

60 MARKS

Answer any three questions.

QUESTION 3

Explain any five purposes of transit law. (20 marks)

QUESTION 4

Articulate procedures of obtaining insurance policy / cover. (20 marks)

QUESTION 5

- (a) Define arbitration. (5 marks)
- (b) State five powers of an arbitrator. (5 marks)
- (c) Identify and explain any duties of the arbitrator. (10 marks)

QUESTION 6

Examine any five benefits of complying with routing and scheduling regulations in passenger transport. (20 marks)

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