higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

TRANSPORT OPERATIONS
NQF LEVEL 2

(11020312)

20 November 2024 (Y-paper)
13:00–16:00

This question paper consists of 6 pages.

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DEPARTMENT OF HIGHER EDUCATION AND TRAINING
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)
TRANSPORT OPERATIONS
NQF LEVEL 2
TIME: 3 HOURS
MARKS: 100

INSTRUCTIONS AND INFORMATION

1. Answer all the questions.
2. Read all the questions carefully.
3. Number the answers according to the numbering system used in this question paper.
4. Use only a black or blue pen.
5. Write neatly and legibly.

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SECTION A

QUESTION 1

1.1 Indicate whether the following statements are TRUE or FALSE by writing only True or False next to the question number (1.1.1–1.1.5) in the ANSWER BOOK.

1.1.1 The National Land Transport Act of 2009 clarifies the roles and responsibilities of the different spheres of government in relation to public transport.

1.1.2 Air transport refers to the movement of good and passengers by ship on a sea or through ocean waterways.

1.1.3 A key aspect of the integrated Road Safety Management Programme is increasing pedestrian safety.

1.1.4 The Railway Safety Regulator is a designated authority regarding all Rail Safety incidents and provides support to the police services in the case of security-related incidents.

1.1.5 Ropeways refers to mode of transport which is used for long haul of fluids like crude oil, petroleum, liquid chemicals and gas.

(5 × 1) (5)

1.2 Define the following terms:

1.2.1 Transport operations

1.2.2 Fleet management

1.2.3 Outsourcing

1.2.4 Dangerous goods

1.2.5 Transport services

(5 × 2) (10)

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1.3 Choose ONE term from the list below for each of the following descriptions and write it next to the question number (1.3.1–1.3.5) in the ANSWER BOOK.

service delivery; SANRAL; trade union; transport sector; business ethics; maritime; PPE

1.3.1 The principle that emphasizes what is wrong/right in any workplace, moral principles and code of conduct for all human actions.

1.3.2 The industry serviced by various modes of transport.

1.3.3 Its basic function is to represent the workers of the transportation industry.

1.3.4 This serves as an example of a principal mode of transport.

1.3.5 This ensures that your customers' needs are met.

(5 × 1) (5)

1.4 Choose a/an term/item from COLUMN B that matches a description in COLUMN A. Write only the letter (A–G) next to the question number (1.4.1–1.4.5) in the ANSWER BOOK.

COLUMN A		COLUMN B	
1.4.1	It provides for road matters which apply uniformly throughout the Republic of South Africa	A	bus
1.4.2	An act of moving personnel and goods from point A to B	B	TETA
1.4.3	Movement of goods and passengers by boats, steamers and ships	C	NRTA
1.4.4	A vehicle designed or adapted for the conveyance of more than 16 persons, including the driver	D	Road Accident Fund
1.4.5	Social Insurance cover to all users of South African roads.	E	transportation
		F	legislation
		G	water transport

(5 × 1) (5)

[25]

TOTAL SECTION A: 25

SECTION B

QUESTION 2

2.1 Describe THREE objectives of the AARTO Act. (3 × 2) (6)

2.2 Explain FOUR procedures for handling spills, fires and other emergencies in transport operations. (4 × 2) (8)

2.3 List FOUR pieces of transport legislation that influences transport operations. (4 × 1) (4)

2.4 Distinguish between *transport as a business* and *transport as a sector*. (5)

2.5 Draw a diagram to show the typical components/sections that contribute to the success of a transport business. (10)

[33]

QUESTION 3

3.1 Study the following picture and answer the questions that follow.



[Source: https://www.linkedin.com/pulse/logistics-supply-chain-managements-top-four-modes-gabriel-otiboe]

3.1.1 Identify THREE main modes of transport in the picture. (3 × 1) (3)

3.1.2 Give an example of a means of transport for each mode identified in QUESTION 3.1.1. (3 × 1) (3)

3.1.3 Which means of transport do you use to come to college and why? (3)

3.1.4 Describe TWO challenges that may be encountered by using the means identified in QUESTION 3.1.3. (2)

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3.2 Discuss what *driver control* entails in transport operations. (4)

3.3 Describe FOUR benefits of preventative vehicle maintenance. (4 × 2) (8)
[23]

QUESTION 4

4.1 Differentiate between *routine* and *non-routine vehicle maintenance*. (7)

4.2 Discuss *marketing* as one of the activities in transport businesses. (3)

4.3 Explain THREE preventative security measures when loading petroleum products. (Any 3 × 2) (6)

4.4 Give THREE hazards that workers could encounter when loading or off-loading material. (3)
[19]

TOTAL SECTION B: 75
GRAND TOTAL: 100

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