higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

FREIGHT LOGISTICS
NQF LEVEL 2

(11020252)

27 February 2020 (Y-paper)
13:00–16:00

This question paper consists of 6 pages.

109Q1S2027

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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. Start each section on a new page.
5. Write neatly and legibly.

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SECTION A

QUESTION 1

Indicate whether the following statements are TRUE or FALSE by writing only 'True' or 'False' next to the question number (1.1–1.10) in the ANSWER BOOK.

1.1 Packaging is the wrapping or covering of goods and materials.

1.2 South Africa has three commercial seaports.

1.3 The aim of material handling is to move goods as efficiently as possible.

1.4 A poorly run warehouse can result in a decrease of sales.

1.5 During prereceiving goods and materials arrive at the warehouse.

1.6 Materials in liquid form are measured in kilograms.

1.7 Subsidiary services assist the core business of freight logistics companies.

1.8 Consumable items are used in running the business.

1.9 Cost ratios indicate the relationship between various expenses and net sales.

1.10 The human resources department deals with clients.

(10 × 1) **[10]**

QUESTION 2

Choose a term from COLUMN B that matches a description in COLUMN A. Write only the letter (A–M) next to the question number (2.1–2.10) in the ANSWER BOOK.

COLUMN A		COLUMN B	
2.1	Temporary, short-term or long-term keeping of goods in supply chain	A	inventory
2.2	Passage of different kinds of vehicles and people along routes of transportation	B	turnover
2.3	Recovering of goods that have more value than the value it would have as scrap	C	binning
2.4	All items in store belonging to the company	D	storage
2.5	Process of taking stock and placing it in allocated storage area	E	customer
2.6	Document used during picking and binning process	F	salvage
2.7	Person with whom value is exchanged	G	abstract reasoning
2.8	Amount organisation makes from selling products	H	traffic
2.9	Fixed costs plus variable costs	I	stock
2.10	Conceptual reasoning skills	J	delivery note
		K	transportation
		L	total costs
		M	warehousing

(10 × 1) **[10]**

TOTAL SECTION A: 20

SECTION B

QUESTION 3

3.1 Explain each of the following terms:

3.1.1 Freight logistics

3.1.2 Outsourcing

3.1.3 Materials handling

(3 × 2) (6)

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3.2 Write down each of the following acronyms in full:

3.2.1 FIFO

3.2.2 WMS

3.2.3 POD

(3 × 1) (3)

3.3 Explain the difference between *salvage* and *scrap disposal*. (4)

3.4 Give FOUR reasons why customers return goods to a warehouse. (4)

3.5 Name TWO strengths of sea transport. (4)

3.6 List THREE commercial seaports in South Africa. (3)

[24]

QUESTION 4

Study the extract below and answer the questions.

NESTLE PLEDGES TO MAKE ALL ITS PACKAGING RECLYCLABLE BY 2025

Swiss food giant Nestle wants to make all its packaging recyclable or reusable by 2025. Plastic waste is one of the biggest sustainability issues the world is facing today. Nestle's rival, Unilever, said that it was committed to convert PET (polyethylene terephthalate) waste into virgin grade material for use in food packaging. Coffee-chain Starbucks is doing its bit by offering customers a discount on their drink if they bring in their own tumbler or cup.

[Adapted from*: http//ewn.co.za*]

4.1 4.1.1 Briefly explain *recycling*. (2)

4.1.2 Name TWO materials which can be recycled. (2)

4.1.3 Identify TWO competitors of Nestle from the extract. (2)

4.1.4 Indicate FOUR functions of packaging. (4)

4.1.5 Name and explain THREE types of packaging. (9)

4.2 State THREE guidelines that must be followed when loading and unloading goods to prevent accidents. (6)

4.3 Name THREE functions of order processing. (3)

4.4 Give FOUR methods of scrap disposal. (4)

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QUESTION 5

5.1 Study the income statement below and answer the questions.

INCOME STATEMENT OF MAKHAYA LOGISTICS FOR THE YEAR ENDED 31 DECEMBER 2019

Sales		900 000
Less: cost of sales		300 000
Gross profit		5.1.1
Add: other operating income		60 000
Rent income	50 000	
Interest on fixed deposit	10 000	
Gross operating income		5.1.2
Less: operating expenses		5.1.3
Consumables	3 000	
Manpower costs	60 000	
Fuel	90 000	
Insurance	15 000	
Net profit		5.1.4

Determine each of the following, showing all calculations:

5.1.1 Gross profit (3)

5.1.2 Gross operating income (3)

5.1.3 Operating expenses (5)

5.1.4 Net profit for the year (3)

5.2 Give TWO examples of manpower costs. (2)

5.3 Name THREE personal traits a person must have to succeed in the freight logistics industry. (3)

5.4 Rearrange the following in order of qualifications needed by writing down the careers in the ANSWER BOOK. Start with the job that requires the least qualification ending with that which requires the highest qualification:

warehouse supervisor; warehouse manager; general worker; picker; receiving clerk

(5)
[24]

TOTAL SECTION B: 80
GRAND TOTAL: 100

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