higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NATIONAL CERTIFICATE (VOCATIONAL)

AGRIBUSINESS
NQF LEVEL 3

(1011033)

16 November 2022 (X-paper)
09:00–12:00

This question paper consists of 8 pages.

363Q1N2216

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TIME: 3 HOURS
MARKS: 150

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. Use only a blue or black pen.
6. Write neatly and legibly.

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SECTION A

QUESTION 1

Various options are given as possible answers to the following questions. Choose the correct answer and write only the letter (A–D) next to the question number (1.1–1.10) in the ANSWER BOOK.

1.1 Chemicals that are produced for sale to be used in agriculture.

A Agroprocessing
B Agrochemical
C Inorganic
D Organic

1.2 Time of year it takes to produce a crop or raise an animal for sale.

A Summer
B Production season
C Harvesting season
D Winter

1.3 The fixed things on the farm that help it to function properly.

A Animals
B Crop
C Buildings
D Infrastructure

1.4 A tax or tariff paid at a border or port of entry to allow a commodity to pass into that country.

A Export duty
B Deporting
C Import duty
D Produce

1.5 Goods and services brought from another country.

A Export
B Retailer
C Investor
D Import

1.6 Livestock units per square kilometre:

A Carrying capacity
B Breeding
C Stocking rate
D Stocking capacity

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1.7 Using a small part of a bigger group to find information about the whole group.

A Sampling
B Scouting
C Data
D Collecting

1.8 Different living things found in an environment:

A Business
B Enterprise
C Selling
D Biodiversity

1.9 Electricity, clean water, sanitation and refuse removal.

A Distributor
B Basic services
C Service provider
D Requirements

1.10 Costs go up and down depending on how much is produced.

A Fixed costs
B Capital
C Variable costs
D Equilibrium

(10 × 1) **[10]**

QUESTION 2

Indicate whether the following statements are TRUE or FALSE. Choose the answer and write only 'True' or 'False' next to the question number (2.1–2.5) in the ANSWER BOOK.

2.1 A water turbine can be described as hydraulic power.

2.2 When goods are sold to other countries they are called imports.

2.3 Subsistence farming produces more food than commercial farming.

2.4 Commercial farmers take a risk by putting a lot of money in their large-scale farming.

2.5 A poultry farmer spends R20 to produce a chicken over six weeks and sells it for R32. It means her breakeven point is R12.

2.6 Eggs are graded according to their size.

2.7 Demand is how much of product consumers are willing to sell at a given price.

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2.8 A line of credit is a loan taken for the purpose of buying property.

2.9 Health and safety are important issues where electricity is concerned.

2.10 The national lottery draw on television is an example of random sampling.

(10 × 1) **[10]**

QUESTION 3

Choose a term from COLUMN B that matches a description in COLUMN A. Write only the letter (A–L) next to the question number (3.1–3.10) in the ANSWER BOOK.

COLUMN A		COLUMN B	
3.1	The cycle that is followed in the production or manufacturing of goods or produce	A	Sampling
3.2	When something is worth continuing	B	Budget
3.3	Method used to sample pests and diseases	C	Expert advice
3.4	The general increase in the price of goods and services	D	Diversification
3.5	Growing different crops and keeping a range of different animals	E	income from crops
3.6	Money that a farmer receives for selling mealies	F	fixed costs
3.7	The rental payments that a farmer makes for his business	G	liquidity
3.8	The percentage of your profits over capital	H	return on investment
3.9	Obtain information from a seasoned farmer about profitable planting methods	I	inflation
3.10	A plan on how the farm will earn an income and the expenses that will be incurred	J	work plan
		K	viable
		L	Scouting

(10 × 1) **[10]**

QUESTION 4

Give ONE word/term for each of the following descriptions by choosing a word from the list below. Write ONLY the word/term next to the question number (4.1–4.10) in the ANSWER BOOK.

Demand; observation; systematic; investment; report; income; trade; maintenance; market research; break-even

4.1 Taking care of things in order to keep them in a good condition.

4.2 A written document that describes what happened as well as the findings

4.3 Money earned from work, sales, renting out building and interest from investments

4.4 Having a pre-planned way of doing things

4.5 Watching the progress of activities on the farm and making notes.

4.6 Obtaining information about a specific crop from local communities

4.7 Money that is used to generate an income which leads to profit

4.8 When income is equal to the costs

4.9 Commercial exchange of goods and services

4.10 How much of a product consumers are willing to buy at a certain price.

(10 × 1) **[10]**

TOTAL SECTION A: 40

SECTION B

QUESTION 5

5.1 Give an explanation of the word or words given below. Write the descriptions next to the question number (5.1.1–5.1.10) in the ANSWER BOOK.

5.1.1 Overheads

5.1.2 Patterns and trends

5.1.3 Natural capital

5.1.4 Profit

5.1.5 Capital

5.1.6 Maturity index

5.1.7 Ownership

5.1.8 Direct costs

5.1.9 Salaries

5.1.10 Production season

(10 × 2) (20)

5.2 What are the general farm maintenance tasks? Give FIVE. (5)

5.3 Name the Acts that the farmer needs to be aware of. (4)

5.4 Discuss THREE important health and safety issues on the farm. (6)

[35]

QUESTION 6

6.1 What records and documents are required to complete a cash flow budget? (4)

6.2 Propose how you can improve the net cash flow if there is a shortage of money in the farming business. (7)

6.3 State and briefly explain THREE important areas that need to be looked after for an agribusiness to be sustainable. (6)

6.4 Identify THREE different levels that lead to social sustainability and give TWO examples of each. (9)

6.5 Briefly describe how you will do the following:

6.5.1 Ensure that tools and equipment are kept safely. (5)

6.5.2 Collect data on pests and disease on the farm before and after planting. (4)

[35]

TOTAL SECTION B: 70

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SECTION C

QUESTION 7

7.1 A local farmer has been making a loss in his business over the past 2 years, he was recently advised by a business consultant to cut down on his variable expenses as they were too high as a result of wastage by his labourers. However, the farmer is still unsure how to classify costs.

7.1.1 Define and give TWO examples for each of the following types of expenses provided below so that the farmer has an idea:

A Direct costs
B Indirect costs
C Fixed costs
D Variable costs (12)

7.1.2 Explain to the farmer how costs can affect the profitability of his business. (3)

7.1.3 Explain to the farmer what break-even is. Use graphs and examples in your explanation of this concept so that the farmer fully understands. (15)

7.2 Justify why farmers should conduct market research by providing SIX reasons. (6)

7.3 List FOUR factors that influence a loan's repayment period. (4)
[40]

TOTAL SECTION C: 40
GRAND TOTAL: 150

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