



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

DATA MANAGEMENT: FARMING N6

22 September 2020

This marking guideline consists of 13 pages.

SECTION A**QUESTION 1**

1.1	1.1.1	D		
	1.1.2	C		
	1.1.3	A		
	1.1.4	C		
	1.1.5	B		
	1.1.6	B		
	1.1.7	D		
	1.1.8	A		
	1.1.9	B		
	1.1.10	A		
			(10 × 2)	(20)
1.2	1.2.1	CD and DVD-ROMs		
	1.2.2	Partitioning		
	1.2.3	Modem		
	1.2.4	Central processing unit		
	1.2.5	PDA		
	1.2.6	File allocation table		
	1.2.7	USB port		
	1.2.8	Relative formatting		
	1.2.9	Arithmetic logic unit		
	1.2.10	FireWire port		
			(10 × 2)	(20)
				[40]

QUESTION 2

2.1	2.1.1	To divide the hard drive into parts and make those parts available to the operating system; also called partitioning		
	2.1.2	A process done by the computer user to bring back the scattered file parts together to retrieve the file easily	(2 × 2)	(4)
2.2	2.2.1	This is the structuring of individual disks into tracks to form cylinders and dividing them into sectors. Damaged sectors are marked on a reserved area of the disk. This can be done by the factory or the supplier.		
	2.2.2	This is done by the supplier, using an MS-DOS format. It is also called segmenting. It is done to divide the hard drive into parts and make those parts available to the operating system.		
	2.2.3	This is also called high-level or relative formatting. Three housekeeping areas are formed in this way.	(3 × 3)	(9)

- 2.3
- Root folder – keeps a record of all files on the disk
 - File allocation table – where a record is kept of the storing position of files
 - Boot record – used by Windows to boot the system
- (3 × 2) (6)
[19]

QUESTION 3

- 3.1
- 3.1.1 The buying and selling of goods and services online on the internet
- 3.1.2 A way in which data are encoded into 0 and 1 by a computer to enable the computer to process and save it
- 3.1.3 A peripheral control unit that connects several communication lines to a computer
- 3.1.4 A format that allows users to retrieve only the latest or newest information easily, for example, news headlines from regularly used web sites
- (4 × 2) (8)
- 3.2
- 3.2.1 Garbage in garbage out
- 3.2.2 Metropolitan area network
- 3.2.3 Compact disk rewritable
- 3.2.4 Programming language 1
- (4 × 2) (8)
[16]

QUESTION 4

- Draw up the request for proposal.
 - Send the request to the suppliers.
 - Draw up a shortlist of suppliers.
 - Evaluate the suppliers on the shortlist.
 - Make a final selection.
- [5]**

TOTAL SECTION A: 80

SECTION B: PRACTICAL

QUESTION 5: SPREADSHEET

NO ROW AND COLUMN HEADINGS✓

EXAM NO. QUESTION 5.1✓✓

EXAMINATION NUMBER
QUESTION 5.1

AGRICULTURAL IMPORT					
From 2010-2015					
Type of commodity	Year	Value	Tariff	Duty status	Duty
4x4 Tractors	2014				
Seeds	2013				
Chemicals	2012				
Vehicles	2011				
Spraying helicopters	2010				
Other inputs	2015				

WRAP
TEXT✓

FIGURE 1

PRINT ON A4 IN LANDSCAPE✓

(5)

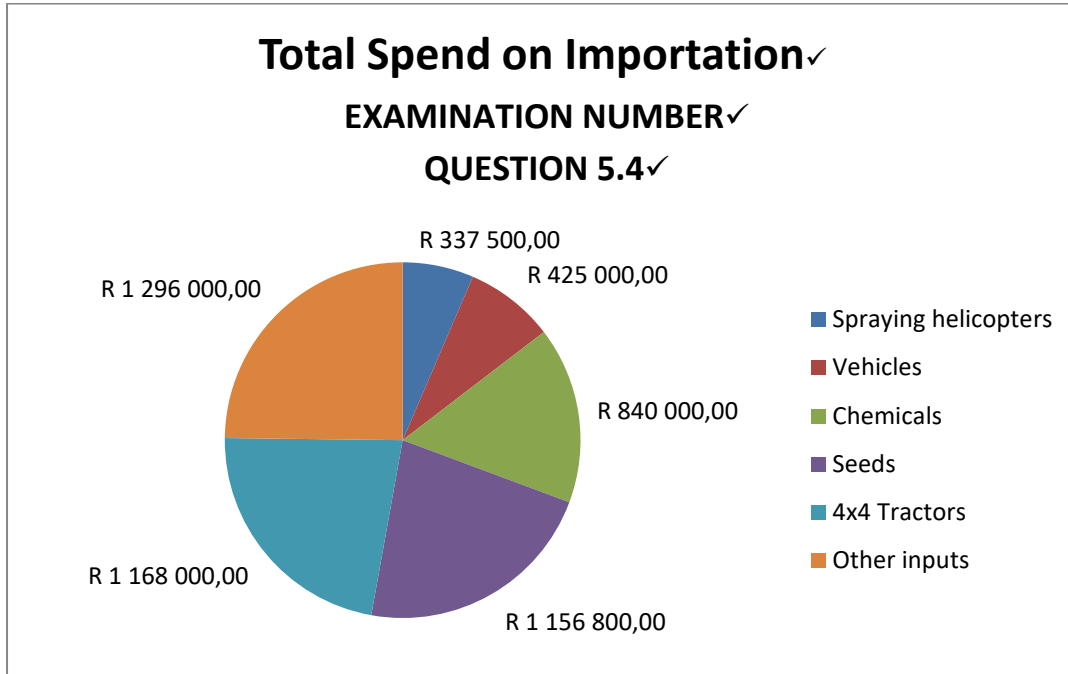
CHANGE QUESTION NO TO 5.3✓

	A	B	C	D	E	F	G
1	<u>AGRICULTURAL IMPORT</u>						
2							
3	<i>From 2010-2015</i>						
4							
5	Type of commodity	Year	Value	Tariff	Duty status	Duty	Total spend on importation
6	Spraying helicopters	2010	=HLOOKUP(B6,\$B\$17:\$G\$18,2)	=\$B\$14*C6	=IF(C6>=500000,"YES","NO")	=IF(C6>=500000,35%*C6,0)	=SUM(C6:D6,F6)
7	Vehicles	2011	=HLOOKUP(B7,\$B\$17:\$G\$18,2)	=\$B\$14*C7	=IF(C7>=500000,"YES","NO")	=IF(C7>=500000,35%*C7,0)	=SUM(C7:D7,F7)
8	Chemicals	2012	=HLOOKUP(B8,\$B\$17:\$G\$18,2)	=\$B\$14*C8	=IF(C8>=500000,"YES","NO")	=IF(C8>=500000,35%*C8,0)	=SUM(C8:D8,F8)
9	Seeds	2013	=HLOOKUP(B9,\$B\$17:\$G\$18,2)	=\$B\$14*C9	=IF(C9>=500000,"YES","NO")	=IF(C9>=500000,35%*C9,0)	=SUM(C9:D9,F9)
10	4x4 Tractors	2014	=HLOOKUP(B10,\$B\$17:\$G\$18,2)	=\$B\$14*C10	=IF(C10>=500000,"YES","NO")	=IF(C10>=500000,35%*C10,0)	=SUM(C10:D10,F10)
11	Other inputs	2015	=HLOOKUP(B11,\$B\$17:\$G\$18,2)	=\$B\$14*C11	=IF(C11>=500000,"YES","NO")	=IF(C11>=500000,35%*C11,0)	=SUM(C11:D11,F11)
12	TOTAL		=SUM(C6:C11)	=SUM(D6:D11)		=SUM(F6:F11)	=SUM(G6:G11)
13	NUMBER OF COMODITY TYPES: =COUNT(B6:B11)						
14	Tariff: <u>0,25</u>						
15							
16							
17		2010	2011	2012	2013	2014	2015
18	VALUE	270000	340000	525000	723000	730000	810000

PRINT IN L/SCAPE WITH ROW AND COLUMN HEADINGS; 1 PAGE✓✓✓

FORMULAS: A✓ B✓ C✓ D✓ E✓ F✓ G✓

ADJUST COLUMN WIDTHS✓



CORRECT CHART TYPE ✓
PIE CHART COMPARING TOTAL SPEND ON IMPORTATION ✓✓

NEW SHEET ✓
LEGEND ON THE LEFT ✓
DATA LABELS - OUTSIDE END ✓

PRINT IN LANDSCAPE; 1 PAGE ✓✓

(11)
[61]

QUESTION 6: WORD

IMPORTATION OF ANIMALS AND ANIMAL PRODUCTS ✓✓✓✓✓✓

In terms of the Animal Diseases Act (Act No. 35 of 1984) and the Meat Safety Act (Act No. 40 of 2000), citizens may import animals and/or animal products which are considered safe.

Imports must comply with the import requirements given on the veterinary import permit.

Import requirements

INDENT BOTH SIDES - 5 CM ✓
DOUBLE LINE SPACING ✓
CENTRED ✓

COUNTRY
BOLD ✓
ITALICS ✓

LEFT MARGIN 4CM/1.58" ✓

Certain import requirements have to be met when you want to import animals and/or animal products into the **country**. These requirements are aimed at preventing the introduction of exotic (foreign) diseases into South Africa. This is done in order to protect the national animal (and human) population, as well as our export markets. For certain products other government authorities have their own import requirements which must be complied with, for example, meat which is also controlled by the Directorate of Veterinary Services and which will evaluate the slaughtering procedures and abattoirs of the exporting country.

Rules of importing

Each time you import animals and/or animal products you need:

- An original veterinary import permit issued by the National Directorate of Veterinary Services
- An original health certificate duly completed in English and in accordance with the requirements on the import permit and signed by the veterinary authority of the exporting country

All conditions on the veterinary import permit must be met, and this is the responsibility of the importer.

How to apply for a veterinary import permit

- Fill in an application form.
- Obtain the correct application form from your local state veterinary office, an approved port of entry in South Africa or the National Directorate of Veterinary Services in Pretoria.
- A tariff is payable per permit for each consignment.
- The application must be submitted to the Pretoria office at least four to six weeks before the proposed import.

2 COLUMNS✓✓
FULL JUSTIFICATION✓

Illegal importation

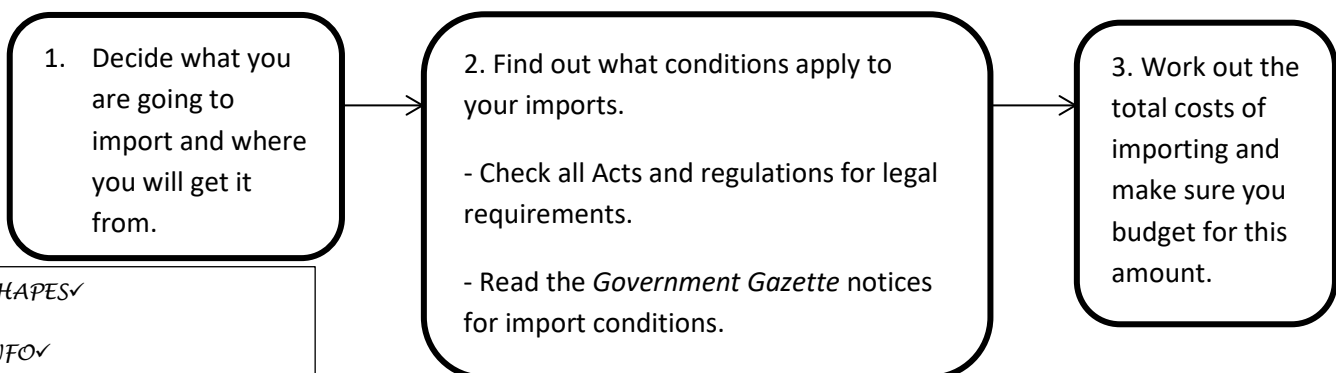
Any animals and/or animal products imported into South Africa without an original veterinary import permit can be regarded as an illegal importation.

Approved ports of entry

Animals or animal products may only be imported at the following approved ports of entry:

- Airports: OR Tambo International, Cape Town International or Durban International
- Harbours: Cape Town, Durban or Port Elizabeth (only selected products)
- Border posts with neighbouring countries: Namibia (Nakop and Vioolsdrif), Botswana (Ramatlabama), Zimbabwe (Beit Bridge), Swaziland (Golela and Oshoek) and Mozambique (Komatipoort/Lebombo)

How to go about importing



INSERT SHAPES ✓
KEY IN INFO ✓
NUMBERING ✓
GOVERNMENT GAZETTE IN ITALICS ✓

COPY ✓✓

What are animal products?

Animal products are made of, or contain, animal material. Examples are milk, cheese, meat, biltong, skins, furs, game trophies, animal feed containing animal material, vaccines, medicines made from animal material, and laboratory samples of animals.

PAGE NO ✓✓

[27]

QUESTION 7: DATABASE

TABLE HEADING ✓✓

IMPORTS							
NO	COMMODITY	YEAR	DATE PURCHASED	COST	ATTRACTS D	EXAM NO	QUESTION 3
1	COMBINED HARVESTOR	2010	2010/03/22	R 750 000.00	<input checked="" type="checkbox"/>		
2	TRUCK	2011	2011/03/29	R 520 000.00	<input checked="" type="checkbox"/>		
3	MOTOR BIKES	2015	2015/02/06	R 20 000.00	<input type="checkbox"/>		
4	CHEMICALS	2017	2017/10/12	R 10 000.00	<input checked="" type="checkbox"/>		
5	ANIMALS	2016	2016/03/05	R 152 000.00	<input type="checkbox"/>		

10

CORRECT INFO IN 8 ROWS × 1 MARK = 8 MARKS ✓✓✓✓✓✓✓✓

(10)

CORRECT INFO ON THE HEADER ✓✓✓✓

C:\Users\user\Desktop\2018 national EXAM\IMPORTATION.accdb 16 August 2018
Table: IMPORTS Page: 1

Columns

Name	Type	Size
NO	Long Integer	4
COMMODITY	Text	20
YEAR	Long Integer	4
DATE PURCHASED	Date/Time	8
COST	Currency	8
ATTRACTS DUTY	Yes/No	1
EXAM NO	Long Integer	4
QUESTION 3	Text	10

CORRECT INFO IN 3 ROWS X 1 = 3 MARKS ✓✓✓ PRINT 3 MARKS ✓✓✓

(10)

TITLE ✓✓

EXAM NO QUE 7 REPORT

FIELDS ✓✓ R100 000 OR MORE ONLY ✓✓

SORT ACCORDING TO YEAR ✓✓

YEAR	COMMODITY	COST
2010	COMBINED HARVESTOR	R 750 000.00
2011	TRUCK	R 520 000.00
2016	ANIMALS	R 152 000.00
TOTAL		R 1 422 000.00

✓✓

✓✓

19 August 2018

Page 1 of 1

PRINTOUT ✓

(12)
[32]

TOTAL SECTION B: 120
GRAND TOTAL: 200