



**higher education
& training**

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

DATA MANAGEMENT: FARMING N5

8 October 2020

This marking guideline consists of 10 pages.

SECTION A**QUESTION 1**

- 1.1 B
- 1.2 C
- 1.3 D
- 1.4 A
- 1.5 C
- 1.6 A
- 1.7 B
- 1.8 A
- 1.9 A
- 1.10 A

(10 × 1) [10]

QUESTION 2

- 2.1 True
- 2.2 True
- 2.3 False
- 2.4 True
- 2.5 True

(5 × 2) [10]

QUESTION 3

- 3.1 C
- 3.2 J
- 3.3 K
- 3.4 I
- 3.5 A
- 3.6 B
- 3.7 F
- 3.8 E
- 3.9 D
- 3.10 H

(10 × 1) [10]

QUESTION 4

- 4.1 ROM
- 4.2 Impact
- 4.3 Memory card
- 4.4 Word-processing
- 4.5 Paper handling
- 4.6 Modem
- 4.7 Fragmentation
- 4.8 Megabyte
- 4.9 Router
- 4.10 World Wide Web (WWW)

(10 × 1) **[10]****QUESTION 5**

- 5.1
- Backup files can be stored securely off site and moved back to your computer as required.✓✓
 - The online files are always accessible across the internet and they can be edited from anywhere.✓✓
 - The files can be optimised for single-user storage or for serving many users.✓✓
 - Online file storage provides an effortless way of backing up, restoring and exporting a blog.✓✓
- (8)
- 5.2
- Do not attach labels or protective sheets to the recording surface of the disc.✓✓
 - Do not touch the recording surface of the disc.✓✓
 - Do not damage the edge of the disc.✓✓
 - Do not expose the disc to excessive heat or humidity.✓✓
 - Use a smear-proof, felt-tip pen to write on the label side of the disc.✓✓
- (Any relevant answer) (10)
- 5.3
- They have few moving parts compared to contact printers.✓✓
 - They are not as likely to have mechanical problems.✓✓
 - Text and graphs can be printed.✓✓
 - A wide variety of letter types can be chosen from, and high-quality printing is produced.✓✓
- (8)
- 5.4
- Accounting
 - Payroll
 - Event management
 - Photo editing
 - Video editing
 - Graphics
- (Any relevant answer) (4)

[30]

QUESTION 6

- 6.1 6.1.1 2018 Chieta application file (2)
- 6.1.2 13 files (2)
- 6.1.3 Application 2017
 26/07/2017 at 12:34 (2 × 2) (4)
- 6.1.4 A: .xlsx
 B: .pdf
 C: .docx (3 × 2) (6)
- 6.2 Software piracy means illegally copying copyrighted software. (2)
- [16]**

QUESTION 7

- 7.1 The new, driverless USB flash storage devices brought about a revolution in mobile data storage, as they may replace diskette drives and diskettes in the future. They use solid-state USB flash memory to save from 500 MB to 4 GB or more of data onto a small drive. This type of device is ideal for transferring data between different computers and for backups. It does not contain any moving parts, which makes it very resistant to damage and loss of data.✓✓ (2)
- 7.2 • ATM (banking)
 • Cellphones (communication)
 • Microwave ovens (home environment)
 • Pay points (parking garage) (4)
- 7.3 Embedded computers are built into special-purpose devices, such as video game players, microwave ovens, 'smart' toasters,✓✓ video-cassette recorders, et cetera, used at home.✓✓ (Any relevant answer) (4)
- 7.4 • The internet is a decentralised, global network of computers that enables people all over the globe to communicate electronically.✓✓
 • Intranets are local networks that use the same programs as the internet to pass information between computers within a company or organisation.✓✓ (4)
- [14]**

TOTAL SECTION A: 100

SECTION B**QUESTION 8****WORD PROCESSING****8.1 Examination number and Question 8** ✓✓**8.2 Word art and uppercase** ✓✓✓

FARMSTALLS ON THE FRONTIER

Road trippers travelling through the dry spaces of South Africa's heartland need to know where the next oasis lies. Meet the classic Karoo farmstall.

8.3 Drop cap ✓✓✓

The Karoo is a semi-desert region of South Africa, covering 40% of the land mass in the country and encompassing about 100 towns and villages. It is home to fewer than a million people. There are long tracts of road between settlements. At times, a traveller is so delightfully alone and isolated in the midst of the vast landscape with its open skies and wide-angled horizons, that it may feel as if he/she is the last survivor in a dry, post-apocalyptic world.

But if you're hungry, thirsty or in need of a toilet break, this is a less than romantic proposition.

8.4 Three columns created with a line ✓✓✓✓✓

The solution comes in the form of dozens of colourful little farmstalls ('padstalle') which are scattered between towns, usually on a patch of roadside farmland, throughout the Eastern and Northern Cape.

Any farmstall worthy of the name has its own specialty food item created from a secret recipe. This could be biltong, a delicious pie, nougat or a bottle of something with a catchy name to remind you of the little spot you bought it from once you're back home.

When you walk into a Karoo farmstall, you're treated to a slice of local life. On offer is a variety of preserves, dried meats, sit-down meals and takeaway specials – mostly prepared by farmers' wives.

The shelves are also usually lined with regional products, crafts and books, all ideal gifts and mementos of your journey through the world's friendliest desert.

8.5 Bold, italics, underline and centred ✓✓✓✓✓

Here are 10 Karoo farmstalls worth stopping for:

1. Milk and Honey farmstall **8.6: Numbering** ✓✓
2. Daggaboer farmstall
3. Karoo Roos farmstall
4. Jagpoort farmstall
5. Oppi-Vlak farmstall
6. Thamela farmstall
7. Ark in the Karoo farmstall
8. Oma Miemie's farmstall
9. Die Pienk farmstall
10. Tankwa farmstall

8.7 Print ✓

TOTAL [20]

SPREADSHEET

QUESTION 9A

9.1 Correct program and accuracy ✓✓✓✓✓

Memorandum

MAIZE N5 2018

	A	B	C	D
1	EXTREME MAIZE DISTRIBUTORS			
2				
3	INCOME: 2018/08/01			
4				
5	PRODUCTS	PACKAGE UNIT (KG)	COST PRICE PER KG	
6				
7	ACE	10	15,50	
8	BLUE BIRD	12,5	4,00	
9	BOKOMO	12,5	4,50	
10	GOLDEN CLOUD	50	6,50	
11	IMPALA	10	13,00	
12	IWISA	80	5,00	
13	SASKO	80	1,50	
14	SNOWFLAKE	80	1,20	
15	TOTAL			

9.2 Examination and question number on header ✓

9.3 Columns adjusted ✓✓

9.5 Printed with row and column headings ✓✓

TOTAL [10]

QUESTION 9B

EXTREME MAIZE DISTRIBUTORS								
INCOME:		2018/08/01						
PRODUCTS	PACKAGE UNIT (KG)	COST PRICE PER KG	COST PRICE PER UNIT	SELLING PRICE	OPENING STOCK	STOCK IN HAND	INCOME	% OF INCOME
ACE	10	R 15,50	R 155,00	R 170,50	37	17	R 3 410,00	11%
BLUE BIRD	12,5	R 4,00	R 50,00	R 55,00	39	19	R 1 100,00	4%
BOKOMO	12,5	R 4,50	R 56,25	R 61,88	30	10	R 1 237,50	4%
GOLDEN CLOUD	50	R 6,50	R 325,00	R 357,50	35	15	R 7 150,00	23%
IMPALA	10	R 13,00	R 130,00	R 143,00	36	16	R 2 860,00	9%
IWISA	80	R 5,00	R 400,00	R 440,00	33	13	R 8 800,00	29%
SASKO	80	R 1,50	R 120,00	R 132,00	42	20	R 2 904,00	9%
SNOWFLAKE	80	R 1,20	R 96,00	R 105,60	40	10	R 3 168,00	10%
TOTAL							R 30 629,50	

9.6 Question number changed to 9B✓

9.7 Columns inserted✓✓✓✓

9.8 Font Bernard Conde, size 20 pt, merged and centred✓✓✓✓

9.9 Shading and bold applied✓✓✓✓

9.10 A correct calculation✓✓

B correct calculation✓✓

C correct calculation✓✓

D correct calculation✓✓

E correct calculation✓✓%✓

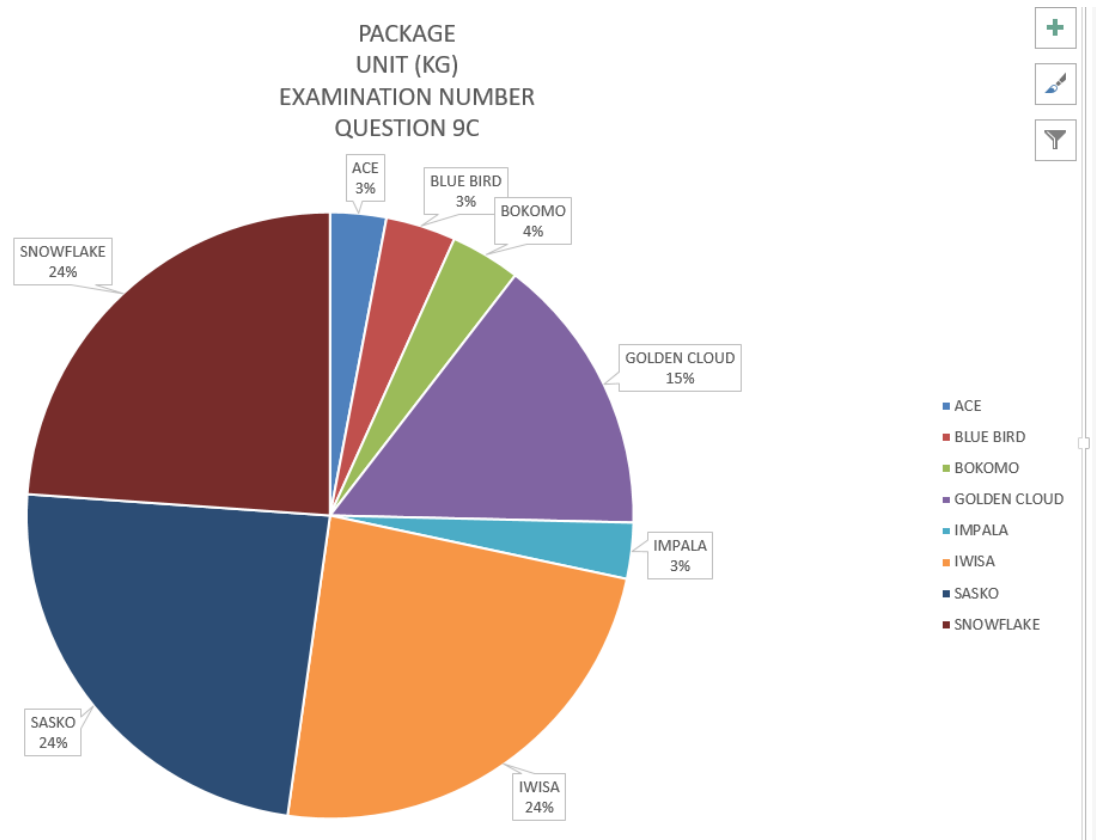
9.11 R sign✓✓

9.12 Lines correctly inserted✓✓

9.13 Printed in landscape✓✓

TOTAL [30]

QUESTION 9C



- 9.15 2-D pie chart created✓✓
9.16 Legend right✓
Data label callout✓✓
9.17 Chart title with correct information✓✓✓
9.18 Print in portrait✓✓

TOTAL [10]

DATABASE**QUESTION 10**

Production

2018/08/08

PRODUCTS	SELLING PRICE	INCOME	DATE SOLD	NUMBER SOLD	EXAM NUMBER	QUESTION 10
ACE	R 170.50	R 3 410.00	2018/05/02	37		
BLUE BIRD	R 55.00	R 1 100.00	2018/08/09	39		
BOKOMO	R 61.50	R 1 237.50	2018/07/29	30		
GOLDEN CLOU	R 357.50	R 7 150.00	2018/08/24	35		
IMPALA	R 143.00	R 2 860.00	2018/08/14	36		
IWISA	R 440.00	R 8 800.00	2018/06/06	33		
SASKO	R 132.00	R 2 904.00	2018/08/31	42		
SNOWFLAKE	R 105.60	R 3 168.00	2018/07/30	40		

10.3 Table information, accuracy ✓✓✓✓✓✓✓✓**Print** ✓✓**TOTAL (10)**

C:\Users\ \Documents\ DISTRIBUTION EXAMINATION NUMBER.accdb 03 August 2018
 Table: Production Page: 1

Columns

Name	Type	Size
PRODUCTS	ShortText	30
SELLING PRICE	Currency	8
INCOME	Currency	8
DATE SOLD	Date With Time	8
NUMBER SOLD	Long Integer	4
EXAM NUMBER	ShortText	13
QUESTION 10	ShortText	10

10.4 Database 'Distribution', examination number ✓✓✓✓**Field, type, size** ✓✓✓✓**Print in portrait** ✓✓**TOTAL (10)**

Production		
EXAMINATION NUMBER AND QUESTION NUMBER		
	INCOME PRODUCTS	DATE SOLD
R 1	100.00 BLUE BIRD	2018/08/09
R 1	237.50 BOKOMO	2018/07/29
R 2	860.00 IMPALA	2018/08/14
R 2	904.00 SASKO	2018/08/31
R 3	168.00 SNOFLAKE	2018/07/30
R 3	410.00 ACE	2018/05/02
R 7	150.00 GOLDEN CLOUD	2018/08/24
R 8	800.00 IWISA	2018/06/06

10.5 Report created with correct field✓✓✓

10.6 Sorted in ascending order as per income✓✓

10.7 Examination number and question number✓✓✓

10.8 Print✓✓

TOTAL (10)

TOTAL SECTION B: 100
GRAND TOTAL: 200