higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

MARKING GUIDELINE

NATIONAL CERTIFICATE

DATA MANAGEMENT: FARMING N5

4 JUNE 2018

This marking guideline consists of 9 pages.

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SECTION A

QUESTION 1

1.1 True
1.2 True
1.3 True
1.4 False
1.5 False
1.6 True
1.7 True
1.8 False
1.9 True
1.10 True

(10 × 2) **[20]**

QUESTION 2

2.1 Windows XP
2.2 .EXE
2.3 partitions
2.4 CPU
2.5 1.44 MB
2.6 cut and paste
2.7 tape cartridges
2.8 .docx
2.9 logical
2.10 nonimpact

(10 × 2) **[20]**

QUESTION 3

3.1 modem
3.2 external hard disk
3.3 e-reader
3.4 eight
3.5 anti-virus programme
3.6 updated
3.7 Plagiarism
3.8 Software piracy
3.9 licence
3.10 Copyright

(10 × 1) **[10]**

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QUESTION 4

4.1 H
4.2 G
4.3 A
4.4 I
4.5 B
4.6 C
4.7 J
4.8 D
4.9 F
4.10 E

(10 × 1) **[10]**

QUESTION 5

5.1
- The hard disk can fail (burn out) and all files stored on it will be lost.
- An external storage device can be damaged.
- Files can be damaged by accident when editing (working on it).
- A virus can damage the files.
- Environmental disasters can happen.
- Work can be lost in a power failure if it has not been saved. (Any 5 × 1) (5)

5.2
- It could be destroyed during a natural disaster such as fire or a heavy rain
- It could be stolen during a burglary. (2)

5.3 5.3.1 CD
5.3.2 4.7 gigabyte
5.3.3 CD-ROM

(3 × 1) (3)

5.4
- It is consistent as it uses the same keystrokes.
- Faster learning as learning one application helps towards learning the other programs.
- Multitasking as several application can be loaded at the same time.
- Date-sharing as information can be manipulated between applications.
- Customisation as the windows environment can be set up according to own preferences. (5)

5.5
- MS-DOS
- Windows XP
- Windows 95
- Windows 98
- Windows vista
- Linux and Unix
- Windows (Any 5 × 1) (5)

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5.6
- Avoid downloading software from bulletin board systems.
- Avoid sharing removable disks.
- Install an anti-virus program on the hard disk to identify and clear viruses.
- Check all diskettes and downloaded files by scanning with antivirus software.
- Scan the disk for viruses once a week. (5 × 2) (10)

[30]

QUESTION 6

6.1 Carpal tunnel syndrome
6.2 Central processing unit
6.3 Repetitive strain injury
6.4 Visual display unit
6.5 Local area network
6.6 Compact disc-rewritable
6.7 Universal serial bus
6.8 Megahertz
6.9 American standard code for information interchange
6.10 Information technology

(10 × 1) **[10]**

TOTAL SECTION A: 100

SECTION B

QUESTION 7

EXAMINATION NUMBER QUESTION 1

A HEALTHY DIET

Healthy eating can strengthen your body so that your immune system is able to help fight infections associated with HIV and AIDS.

Energy and nutrients are obtained through healthy foods. Healthy eating means eating foods that supply your body with all the energy and nutrients it needs every day.

PROBLEMS WITH DIGESTION

The HI-virus may cause damage to your gut lining, which means that you may not be able to digest and absorb nutrients properly.

EAT A WIDE VARIETY OF FOODS

Make starchy foods the basis of most meals. Eat plenty of fruits and vegetables every day. Animal proteins should be eaten daily. Eat dry beans, peas, lentils and soy regularly. Include sugar, fats and oils. Prepare and store your food safely.

EXAMINATION NUMBER QUESTION 1

VITAMIN A

This is important to keep you healthy and prevent infections. Fruits that contain vitamin A are yellow peaches, paw-paw, mangoes and apricots.

VITAMIN C

This is important to fight infections. Fruits that contain vitamin C are oranges, naartjies, grape fruit, lemons, guavas and mangoes.

Healthy eating does not have to be expensive.

7.1	Examination no and QUESTION 1	(2)
7.2	Main heading	(4)
7.3	All underlining removed	(3)
7.4	Drop-cap first letter	(2)
7.5	Page break	(2)
7.6	Two-column paragraphs	(2)
7.7	Page numbering starting at 4	(2)
7.8	Last paragraph italics	(2)
7.9	Printed	(1)

[20]

QUESTION 8

QUESTION 8A

SPREADSHEET

8.1 8.1.1

	A	B	C	D	E	F
1	BROWN BROWN INCOME STATEMENT					
2						
3		Current year	Previous year	Difference	Difference as %	Current average per month
4	Sales	430843	365690			
5	Cost	185000	144350			
6	Profit					
7						
8	EXPENSES					
9						
10	General	112780	97210			
11	Postage	643	441			
12	Total					
13						
14	NET PROFIT					

(3)

8.1.2 EXAMINATION NUMBER and QUESTION 8A as header (2)

8.1.3 Adjustment (1)

8.1.4 Lines inserted (2)

8.1.5 Saved as QUEST 8A (2)

8.1.6 Printed with row and column headings (2)

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QUESTION 8B

8.2

	A	B	C	D	E	F
1	**BROWN BROWN INCOME STATEMENT**					
2						
3		**Current year**	**Previous year**	**Difference**	**Difference as %**	**Current average per month**
4	Sales	R 430 843,00	R365 690,00	R 65 153,00	15%	R 35 903,58
5	Cost	R 185 000,00	R144 350,00	R 40 650,00	22%	R 15 416,67
6	Profit	R 245 843,00	R221 340,00	R 24 503,00	10%	R 20 486,92
7						
8	**EXPENSES**					
9						
10	General	R 112 780,00	R 97 210,00	R 15 570,00	14%	R 9 398,33
11	Postage	R 643,00	R 441,00	R 202,00	31%	R 53,58
12	Total	R 113 423,00	R 97 651,00	R 15 772,00	14%	R 9 451,92
13						
14	**NET PROFIT**	**R 132 420,00**	**R123 689,00**	**R 8 731,00**	**7%**	**R 11 035,00**

8.2.1 QUESTION NUMBER changed (1)

8.2.2 Merged, centred, font size (3)

8.2.3 Bold all rows as indicated (4)

8.2.4 Adjustment of columns (2)

8.2.5
A Profit correct
B Total correct
C Net salary correct
D Difference correct
E % correct
F Average

(6 × 2) (12)

8.2.6 Amounts with TWO decimals (3)

8.2.7 Shading applied (3)

8.2.8 Printed (2)

QUESTION 8C

8.3

BROWN BROWN INCOME STATEMENT

	Current year	Previous year	Difference	Defference as %	Current average per month
Sales	430843	365690	=B4-C4	=D4/B4	=B4/12
Cost	185000	144350	=B5-C5	=D5/B5	=B5/12
Profit	=B4-B5	=C4-C5	=B6-C6	=D6/B6	=B6/12
EXPENSES					
General	112780	97210	=B10-C10	=D10/B10	=B10/12
Postage	643	441	=B11-C11	=D11/B11	=B11/12
Total	=B10+B11	=C10+C11	=D10+D11	=E10+E11	=B12/12
NET PROFIT	=B6-B12	=C6-C12	=D6-D12	=D14/B14	=F6-F12

8.3.1 Question number changed (2)

8.3.2 All formulae correct (4)

8.3.3 Printed without row and column headings (2)

[50]

QUESTION 9

DATABASE

C:\Users\ \Documents\ORDER EXAMINATION NUMBER.accdb 04 November 2016
Table: STOCK Page: 1

Columns

Name	Type	Size
CATERGORY	Short Text	20
TRADE MARK	Short Text	10
MODEL	Short Text	10
QUANTITY	Integer	2
WHOLE SALE	Currency	8
RETAIL	Currency	8
DUE DATE	Date With Time	8

9.1.1 Correct data base name and EXAMINATION NUMBER (3)

9.1.2 All data correct (5)

9.1.4 Printed (2)

9.2 9.2.1 Adjustment✓✓ and Accuracy✓✓✓✓✓

STOCK 2016/11/04

CATERGORY	TRADE MARK	MODEL	QUANTITY	WHOLE SALE	RETAIL	DUE DATE
AMPLIF	CDO	T-43	5	R 225.49	R 350.99	2016/09/11
SPEAKER	FOPS	P-65	50	R 199.00	R 249.99	2016/09/10
TAPE	RECK	RTS-3	10	R 150.39	R 251.77	2016/08/23
TURN	ZARD	78-P	8	R 595.00	R 850.00	2016/10/02
FORK	KLOP	FCX-9	5	R 89.78	R 138.34	2016/05/26
SPADE	RALS	GP-67	15	R 250.00	R 350.00	2016/03/17

(7)

9.2.2 Saved as Stock✓✓and printed✓ (3)

9.3

PROFIT 2016/11/04

CATERGORY	QUANTITY	WHOLE SALE	RETAIL	PROFIT
FORK	5	R 89.78	R 138.34	R 242.80
AMPLIF	5	R 225.49	R 350.99	R 627.50
TAPE	10	R 150.39	R 251.77	R 1 013.80
SPADE	15	R 250.00	R 350.00	R 1 500.00
TURN	8	R 595.00	R 850.00	R 2 040.00
SPEAKER	50	R 199.00	R 249.99	R 2 549.50

9.3.1 Correct fields (2)

9.3.2 Profit ended and calculated correctly (4)

9.3.3 Sorted ascending (2)

9.3.4 Header (1)

9.3.5 Printed (1)

[30]

TOTAL SECTION B: 100
GRAND TOTAL: 200

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