higher education & training

Department:
Higher Education and Training
REPUBLIC OF SOUTH AFRICA

NASIENRIGLYN

NASIONALE SERTIFIKAAT

DATABESTUUR: BOERDERY N5

13 NOVEMBER 2018

Hierdie nasienriglyn bestaan uit 8 bladsye.

Kopiereg voorbehou

AFDELING A

VRAAG 1

1.1	1.1.1	G
	1.1.2	D
	1.1.3	H
	1.1.4	A
	1.1.5	C
	1.1.6	B
	1.1.7	F
	1.1.8	J
	1.1.9	E
	1.1.10	I

(10 × 1) (10)

1.2	1.2.1	Onwaar
	1.2.2	Onwaar
	1.2.3	Waar
	1.2.4	Waar
	1.2.5	Onwaar
	1.2.6	Waar
	1.2.7	Onwaar
	1.2.8	Onwaar
	1.2.9	Waar
	1.2.10	Onwaar

(10 × 1) (10)

1.3	1.3.1	D
	1.3.2	B
	1.3.3	C
	1.3.4	A
	1.3.5	C
	1.3.6	D
	1.3.7	B
	1.3.8	C
	1.3.9	D
	1.3.10	A

(10 × 1) (10)
[30]

VRAAG 2

2.1
- Die strukture van kieslyste is dieselfde (konsekwentheid)
- As mens een toepassing leer help dit om ander toepassings te leer en te gebruik (versnelde leer)
- Verskeie toepassings kan tegelykertyd gelaai word (‘multitasking’)
- Inligting kan tussen toepassings gemanipuleer word (deel van data)
- Die Windows-omgewing kan volgens eie voorkeur opgestel word (pasmaking) (5)

2.2 Pad is ‘n weg of beweging binne die struktuur, vanaf die wortel langs ‘n sekere tak tot by ‘n spesifieke lêer of vice versa. (2)

2.3
- Maak jou profiel privaat
- Beperk die hoeveelheid persoonlike inligting
- MOENIE enige inligting verskaf in kletskamers of openbare forums nie
- Pasop vir vreemdelinge.
- MOENIE enige bankrekeningbesonderhede beskikbaar stel nie. (5 × 2) (10)

2.4
- Word gebruik om te sleep
- Uit te lig
- Te dubbelklik
- Te selekteer
- Te wys (5)

[22]

VRAAG 3

3.1
3.1.1 Herhalende Spanningsbesering (‘Repetitive Strain Injury’)
3.1.2 Karpale Tonnel-sindroom (‘Carpal Tunnel Syndrome’)
3.1.3 Rekenaarvisie-sindroom (‘Computer Vision Syndrome’)
(3 × 3) (9)

3.2
- Rugsteun is die kopiëring van inligting op ‘n hardeskyf om die oorspronklike data te hou ingeval dit per abuis gewis, oorskryf of beskadig word.
- Skyfkopiëring werk met verwyderbare skywe van dieselfde soort; dit por jou aan om die bron en die bestemming in te voeg. (2 × 2) (4)

3.3
- Wanneer toegang verkry word tot lêers wat met ‘n virus besmet is.
- Deur die rekenaar vanuit ‘n besmette hardeskyf, CD-ROM te selflaai (‘boot’).
- Deur ‘n besmette lêer van die internet af te laai.
- Deur ‘n besmette e-posboodskap of aanhegsel op te maak.
- Deur in besmette webblaaie rond te blaai. (5 × 2) (10)

[23]

VRAAG 4

4.1 'n Bedryfstelsel:

- Aktiveer die rekenaar
- Laat die gebruiker toe om met die rekenaar te kommunikeer
- Beheer die funksionering van die rekenaar en stel die rekenaar in staat om te loop wanneer dit toegepas word.
- Dit is 'n primêre stelselelement van alle sagteware

Toepassingsagteware:

- Is programme wat ontwerp is om uitgevoer te word deur 'n rekenaar om in 'n gebruiker se spesifieke behoeftes te voorsien
- Dit verander dit rekenaar in 'n instrument vir 'n spesifieke gebruik
- Dit word gebruik nadat die bedryfstelsel gelaai is (Enige 4 × 2) (8)

4.2

- Klik die *Start*-kieslys
- Selekteer en klik op *ALL PROGRAMS*
- Selekteer *Accessories*
- Windows Explorer sal dan verskyn
- Klik daarop (5)

4.3 4.3.1 Rekenkunde-logika-eenheid – deel van SVE wat al die berekeninge uitvoer.

4.3.2 Drukker – is 'n randtoestel wat papierkopieë van die inligting produseer.

4.3.3 Stilus – lig-sensitiewe pen wat gebruik word om diagramme of grafiese tekeninge op die skerm te skep.

4.3.4 Skerm – inligting word op 'n skerm vertoon.

4.3.5 Twitter – 'n gratis sosiale network wat gebruik word om deur middel van die uitruil van woorde te kommunikeer en in verbinding te bly.
(5 × 2) (10)

4.4 Sagtewareroof beteken om sagteware met kopiereg onwettig te kopieer. Dit is onwettig om 'n rekenaarprogram van 'n vriend te kopieer en dit op jou rekenaar te installeer. (2)
[25]

TOTAAL AFDELING A: 100

WOORDVERWERKING

VRAAG 5

VRAAG 5 EKSAMENNOMMER VRAAG 5 EKSAMENNOMMER

ROVEY DAIRY FARM

„I found Agrivi while searching online for a farm management program. I sent a message acquiring information about the software and within minutes I had a response followed by a Skype demo. I tested the software over the next few days and decided to buy a subscription." ~ Brett Rovey

Brett Rovey is a 3rd generation farmer on Rovey dairy, a family farm based in Arizona. The farm locations are spread out between Palo Verde, Buckeye and Glendale. The Glendale location is about 3 miles from the stadium where Arizona Cardinals play. The dairy farm was started by Brett's grandfather in 1943 and was later purchased by Brett's father Paul in 1978 who started steadily growing the business from 200 cows up to 2000 cows they have today.

Rovey dairy has started farming their ground in 2012, in order to ensure sufficient quantities of quality feed for their cows. They farm around 2000 acres on fields spread out across 50 miles and the entirety of their production goes into feeding the cows. The farms grow a wide range of row crops such as alfalfa, corn silage, sorghum silage, barley, sugar beets, bermuda grass and rye.

Due to an extensive amount of activities being performed on the farms at any given time, there was an issue with keeping things organized, especially due to the widespread fields which are gathered across several locations. Brett has spent time searching for a suitable solution that would streamline the production and get a much clearer insight into production costs, tasks, and other operations across the farms.

"Before switching to Agrivi we used numerous amounts of excel documents and paper time sheets. This was a time consuming process and we still lacked information we needed. Many of the task were not recorded timely and the output was missing valuable information." ~ Brett Rovey

Having spreadsheets and written notes at multiple locations makes it impossible to share the data in an efficient way, not to mention having no real time insight into inventory, which is the key prerequisite for efficient usage of inputs across multiple farm locations. Furthermore, having a large number of fields puts an emphasis on being on top of costs per field and crop, in order to better plan the usage of inputs for the seasons to come.

We needed a program that was always available, easy to use and had the capabilities to track all cost applied to our farming operation. Some of the most important activities we track are water usage, machinery cost and fertilizer." ~ Brett Rovey

When it comes to their business, Rovey dairy puts a heavy focus on cost effectiveness, following up with an ever growing passion for improving their farm management practices. Their goal is to improve the produce quantity and quality due to the fact that everything they produce on the fields eventually ends up as cow feed, affecting the quality of milk they distribute all over the US.



1.1 Header inserted✓✓
1.2 Font changed whole doc ✓✓
1.3 Main heading, sp caps, size ✓✓✓✓
1.4 Two Column changed ✓✓✓
1.5 Page break ✓✓
1.6 Picture correctly formatted✓✓ ✓✓
1.7 Last paragraph edited ✓✓
1.8 Print ✓✓

TOTAL: [20]

5.1	Kopskrif ingevoeg	(2)
5.2	Lettertipe in hele dokument verander	(2)
5.3	Hoofopskrif, spelling, hoofletters en grootte	(4)
5.4	Twee kolomme verander	(3)
5.5	Bladsybreuk	(2)
5.6	Prent korrek geformatteer	(4)
5.7	Laaste paragraaf geredigeer	(2)
5.8	Gedruk	(2)
		[20]

SIGBLAD

VRAAG 6A

	A	B	C	D	E	F
1	ROVEY DAIRY FARM					
2						
3	WEEKLY COMMISSION					
4						
5	PROFIT	30%				
6	COMMISION	5%				
7						
8	PRODUCT PER KG	COST PRICE	PROFIT	SALES PRICE	TOTAL SALES	COMMISSION PAID
9						
10	Spinach	6.99				
11	Oranges	8.45				
12	Tomatoes	14.25				
13	Pears	16.99				
14	Apples	12.55				
15	Bananas	7.89				
16	Pumpkins	10.75				

6.1 6.1.1 Akkuraatheid (5)
6.1.2 Kopskrif ingevoeg (2)
6.1.3 Kolom verstel (1)
6.1.4 VRAAG 6A
6.1.5 Gedruk met ry- en kolomopskrifte (2)

VRAAG 6B

ROVEY DAIRY FARM

WEEKLY COMMISSION

PROFIT 30%
COMMISION 5%

PRODUCT PER KG	COST PRICE	PROFIT	SALES PRICE	NUMBER SOLD	TOTAL SALES	COMMISSION PAID
Apples	R 12.55	R 3.77	R 47.25	12	R 567.01	R 28.35
Bananas	R 7.89	R 2.37	R 18.68	20	R 373.51	R 18.68
Oranges	R 8.45	R 2.54	R 21.42	14	R 299.89	R 14.99
Pears	R 16.99	R 5.10	R 86.60	15	R 1 298.97	R 64.95
Pumpkins	R 10.75	R 3.23	R 34.67	16	R 554.70	R 27.74
Spinach	R 6.99	R 2.10	R 14.66	30	R 439.74	R 21.99
Tomatoes	R 14.25	R 4.28	R 60.92	36	R 2 193.08	R 109.65
TOTAL	R 77.87	R 23.36	R 284.19	143	R 5 726.90	R 286.34

6.2 6.2.1 Kopskrif verander (1)
6.2.2 Kolom/Ry ingevoeg (3)
6.2.3 Saamgevoeg geformatteer (3)

6.2.4 A Almal korrek
B Almal korrek
C Almal korrek
D Almal korrek
E Almal korrek

(5 × 3) (15)

6.2.5 Geldeenheid, 2 desimale plekke (2)

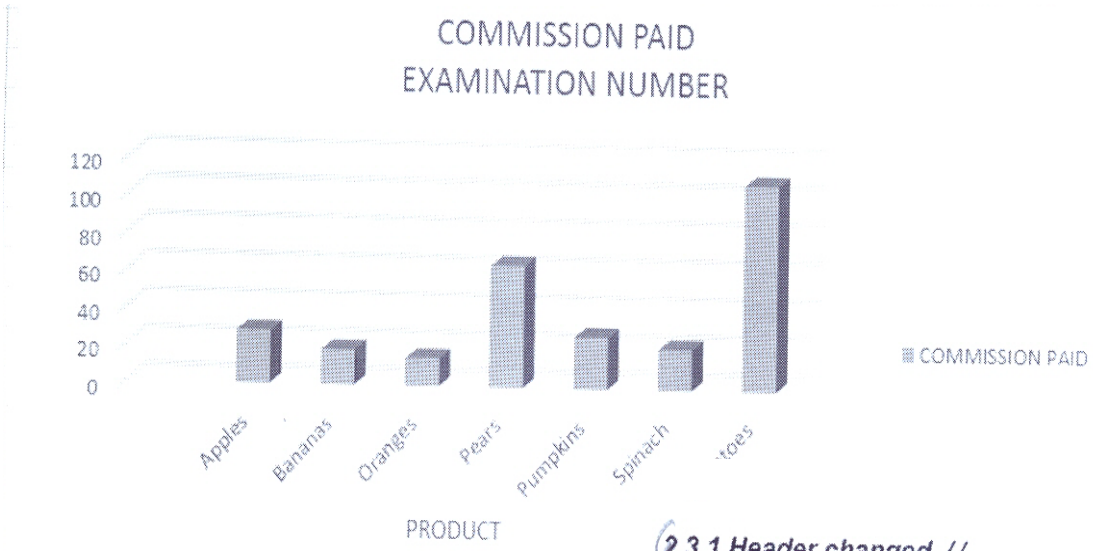
6.2.6 Lyn korrek getrek (3)

6.2.7 Korrek gesorteer (2)

6.2.8 Gedruk met (2)

VRAAG 6C

6.3



6.3.1 Kopskrif verander (2)

6.3.2 Kolomkaart korrek (5)

6.3.3 Kantskrif op die grafiek vertoon (1)

6.3.4 Gedruk in landskap (1)
[50]

DATABASIS

VRAAG 7

7.1

C:\Users\ Documents\COMMISSION EXAMINATION NUMBER1 28 January 2017
DATA SET N5 3.accdb
Table: ROVEY DAIRY FARM EXAMINATION NUMBER Page: 1

Columns

Name	Type	Size
ITEM NO:	Long Integer	4
PRODUCT	Short Text	20
CUSTOMER	Short Text	20
COST PRICE	Currency	8
NUMBER ORDER	Integer	2
COMMISSION PAID	Currency	8
SALES DATES	Date With Time	8

Struktuur
Eksamen en databasisnaam (1)
Akkuraatheid (2)
Naam (2)
Veld (2)
Grootte (2)
Gedruk (1)

7.2

ROVEY DAIRY FARM EXAMINATION NUMBER

ITEM NO:	PRODUCT	CUSTOMER	COST PRICE	NUMBER ORDER	COMMISSION PA	SALES DATES
1	Spinach	Malala J	R 6.99	30	R 21.99	2016/12/15
2	Oranges	Siphuma B H	R 8.45	14	R 14.99	2016/12/15
3	Tomatoes	Aliali P	R 14.25	36	R 109.65	2016/12/16
4	Pears	Julia M	R 16.99	15	R 64.95	2016/12/17
5	Apples	Doris B	R 12.55	12	R 28.35	2016/12/18
6	Bananas	Nyambi W	R 7.89	20	R 18.68	2016/12/17
7	Pumpkins	Neshee N	R 10.75	16	R 27.74	2016/12/19

(10)

7.3

Query1 2017/01/28

PRODUCT	COST PRICE	COMMISSION PA
Apples	R 12.55	R 28.35
Bananas	R 7.89	R 18.68
Oranges	R 8.45	R 14.99
Pumpkins	R 10.75	R 27.74
Spinach	R 6.99	R 21.99

(10)
[30]

TOTAAL AFDELING B: 100
GROOTTOTAAL: 200

Kopiereg voorbehou