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# NATIONAL SENIOR CERTIFICATE

**GRADE 11** 

## **NOVEMBER 2022**

## **MATHEMATICAL LITERACY P1**

**MARKS:** 100

TIME: 2 hours



This question paper consists of 12 pages, including two answer sheets.

#### INSTRUCTIONS AND INFORMATION

- 1. This question paper consists of FOUR questions. Answer ALL the questions.
- 2. 2.1 Use ANSWER SHEET 1 for QUESTION 4.1.3.
  - 2.2 Use ANSWER SHEET 2 for QUESTIONS 4.3.1.
  - 2.3 Write your NAME and GRADE in the spaces provided on ANSWER SHEET 1 for QUESTION 4.1.3 AND on ANSWER SHEET 2 for QUESTION 4.3.1. Hand in the ANSWER SHEETS with your ANSWER BOOK.
- 3. Number the answers correctly according to the numbering system used in this question paper.
- 4. Diagrams are NOT necessarily drawn to scale, unless stated otherwise.
- 5. Round off ALL final answers according to the context used, unless stated otherwise.
- 6. Indicate units of measurement, where applicable.
- 7. Start EACH question on a NEW page.
- 8. Show ALL calculations clearly.
- 9. Write neatly and legibly.



#### **QUESTION 1**

1.1 Study Ms Jane Bukirwa's payslip for the month of October 2021 shown below and answer the questions that follow.

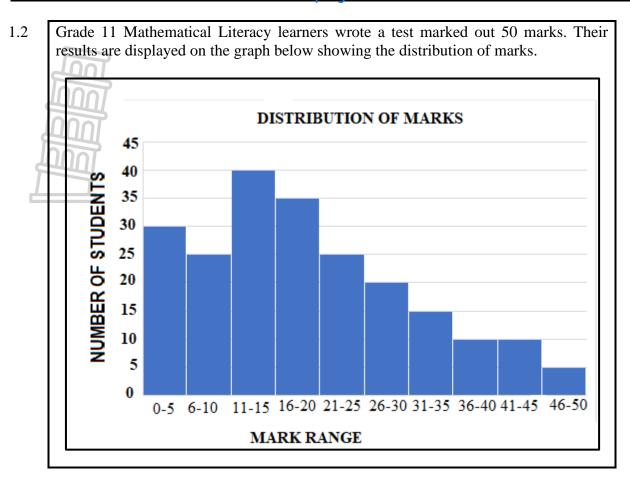
GM's Car Washing Co. Ltd.	
8 Down Street,	
Komani,	
5319	
Tel:	
Cellphone no.:	



[www.yorkshire.co.uk]

			<u>[www.yo</u>	I KSIIII C.CO.UK
Payslip for the month	of Oct	ober 2021		
Employee's name: Jane Bukirwa			Paid days: 30	
Gender: Fer	nale		Leave without pay: 1	
Occupation: Cle	rk/Casl	nier	Pay slip no.: 10	/2021
<b>Earnings</b>	A	mount	<b>Deductions</b>	Amount
Basic salary		R5 000	Salary advance	R650
Overtime hours	45		PAYE	R774
Overtime rate	R25		UIF: 1% of Total	
			Earnings	R61,25
Overtime payment		R1 125	Other deductions	-
<b>Total Payment</b>		R6 125	<b>Total deductions</b>	
Net Pav	1	R4 639.75		

- 1.1.1 Write down Ms Jane Bukirwa's occupation. (2)
- 1.1.2 Calculate her total deductions. (2)
- 1.1.3 Show by means of calculations how the overtime payment amount of R1 125 was determined. (2)
- 1.1.4 Define the term 'net pay' according to the above context. (2)
- 1.1.5 Calculate the amount to be added to Jane Bukirwa's basic salary, if the basic salary is increased by 7,5% for November 2021. (3)



Use the information displayed on the above graph to answer the questions that follow.

- Name the type of graph used to display the data of results. (2)
- 1.2.2 Determine the number of learners that wrote the test. (2)
- 1.2.3 How many learners scored within the modal class? (2)
- 1.2.4 Calculate the marks out of 50 for a learner that obtained 68% in the test. (2)

[19]

#### **QUESTION 2**

DOT

Aunt Louis, an educator, compares the pension fund estimations for the year 2021 and 2022. She wants to resign at the end of 2022. Study the information below and answer the questions that follows.

Normal retirement estimated	2022	2021
Monthly pension (annuity) payable	R26 383	R25 591
Lump sum (gratuity) payable	R919 363	R884 198
Discharge monthly pension payable	R23 248	R22 083
Discharge lump sum (gratuity) payable	R799 313	R747 619
Monthly pension (annuity) payable to spouse(s)	R13 692	R13 295
Lump sum (gratuity) payable to beneficiaries	R2 592 409	R2 470 783
Resignation benefit	R2 836 836	

- 2.1.1 Write down the value of the lump sum payable to beneficiaries in 2021. (2)
- 2.1.2 The resignation benefit for the year 2021 is R166 417 less than 2022 benefit.

  Calculate the resignation amount for the year 2021. (3)
- 2.1.3 Calculate the annual amount for the year 2022 that Aunt Louis will receive for the monthly pension. Round off your answer to the nearest R100. (3)
- 2.1.4 Aunt Louis claimed that the lump sum (gratuity) payable for 2022 is R35 615 more than the lump sum (gratuity) payable for 2021. Verify the statement. (3)
- 2.1.5 Give ONE advantage of an employee contributing towards the Pension Fund. (2)

John Matu sells Samsung cellphones. The price list given below shows the cost price and profit for different types of cellphones in the year 2021. Study the price list and answer the questions that follow. **All prices include VAT 15%.** 



2.2.1 Determine the selling price of the Samsung Galaxy A72.

- (2)
- 2.2.2 Determine the ratio (in simplest form) of total profit to the total income from sale of the four cellphones.
- (4)

(5)

2.2.3 John Matu ran out of the cheaper phones. He placed an order for the cellphones A31 and A72 in the ratio: A31 : A72 = 2 : 1.

A total of 15 cellphones were ordered.

Verify with the necessary calculations that the total cost price for the order was R70 488,75.

2.2.4 The cost price of Samsung A31 in the year 2020 was R3 399,75. It is costing less this year due to new cellphones on the market.

Calculate the percentage decrease on the cost of the A31. Give your answer to the nearest percentage.

You may use the following formula:

Percentage decrease = 
$$\frac{\text{new price} - \text{old price}}{\text{old price}} \times 100\%$$
(4)

2.3 Mr John Matu received the statement indicating water tariffs for the month of March 2021. Study the water tariffs table below from DJB Municipality.

DJB	Municipality
Mr J. Matu:	March 2021 statement
Code	Water tariffs (per kl)
	(Excluding VAT)
WA0101	6,110 kl @ R16,992900
WA0102	4,073 kl @ R17,326130
WA0103	2,817 kl @ R24,06370
	Amount paid R

Use the information and the table above to answer the following question.

Mr J. Matu asked his two sons to calculate the amount (including VAT = 15%) he has to pay.

- Son A got R263,48
- Son B got R258,48

John claimed Son B was correct. Verify showing ALL your calculations whether the statement is correct.

(5)

[33]



#### **QUESTION 3**

Motor trade sales in the months (January–December) for the years 2018 and 2019 at current prices then, are shown in the TABLE 1 below.

TABLE 1: MOTOR TRADE SALES AT CURRENT PRICES THEN (RAND IN MILLION)

Month	<b>Year 2018</b>	Year 2019
January	53 044	53 844
February	53 321	52 361
March	58 353	55 646
April	49 633	54 981
May	56 064	56 846
June	55 263	54 249
July	56 409	59 270
August	57 598	58 435
September	54 436	54 467
October	60 406	59 960
November	60 417	57 915
December	51 480	52 718
Total	666 424	670 692

[Source: www.statssa.gov.za/Jan2020]

Use the information above to answer the following questions.

- 3.1 Write down the month and the year when trade sales were the lowest of the two years. (2)
- 3.2 Determine the range for the amount of trade sales for the months in the year 2019. (3)
- 3.3 Write down the total amount of the trade sales for the year 2018 in words. (2)
- 3.4 Calculate the mean trade sales for the year 2018. (3)
- 3.5 Determine the median value of the trade sales for the months (Jan–Dec) in the year 2019. (3)
- 3.6 Express the amount of trade sales of October 2018 as a percentage of the total trade sales for the year 2018. (3)
- 3.7 Determine the probability (as a fraction) of randomly selecting a month that shows a decline in the amount of trade sales from year 2018 to 2019. (3) [19]

(2)

(2)

(5)

#### **QUESTION 4**

4.1 Ms Jena started a shoe repair business to repair old shoes, restore their quality and make them user friendly.

Below are the weekly costs and charge involved:

- Rent for the room R250
- Salaries R400
- Materials required per pair of shoes on average costed at R25
- On average each customer is charged R75 per pair of shoes
- Income = R75 × n, (where n represents the number of pairs of shoes)
- Expenses = R650 + R25 × n, (where n represents the number of pairs of shoes)



[Source: https://howtostatanllc.com/Shoe repair]

Use the above information to answer the following questions.

- 4.1.1 Write down the weekly total fixed costs that Ms Jena pays per week.
- 4.1.2 The TABLE 2 below shows the income and expenses from the business.

TABLE 2: INCOME AND EXPENSES FOR THE SHOE REPAIR BUSINESS

Number of pair of shoes (n)	0	5	10	15	18	20
Expenses (R)	650	775	900	1 025	1 100	A
Income (R)	0	375	750	1 125	1 350	1 500

- (a) Calculate missing value **A.**
- (b) Ms Jena has learnt that starting a business is not easy. It takes time to get your business known. Her records show that:
  - In week 1 She repaired 5 pairs of shoes
  - In week 2 She repaired 10 pairs of shoes
  - In week 3 She repaired 20 pairs of shoes

Use the information above and TABLE 2 to show by means of calculations that Ms Jena made a loss of R200 in the 3 weeks.

- 4.1.3 A line graph showing the income from the repair of shoes has been drawn on ANSWER SHEET 1. Use the same grid on ANSWER SHEET 1 to draw another line graph showing the expenses of the repair of shoes. (3)
- 4.1.4 Use the graph to determine the number of pair of shoes at the break-even point. (2)

(3)

4.2 Ms Jane's brother who lives in Japan sent her money to assist her in her business. He sent Japanese yen (¥) 25 000. Determine the amount in Rands Ms Jane received.

#### You may use the exchange rate at the time: 1Yen (Y) = R0,135 2364

4.3 A Grade 11B Mathematical Literacy class at Nayani Secondary School participated in a research project where their gender and weight (kg) were recorded. The raw data is indicated in TABLE 3 below:

TABLE 3: GENDER AND WEIGHTS FOR GRADE 11B

Gender						We	eights	in kş	5				
Female	58	67	73	68	80	65	90	78	108	59	67	79	75
Male	61	57	70	72	66	81	93	77	79	83	75	82	

Use the above information to answer the following questions.

Complete the frequency table that the teacher left incomplete. Use ANSWER SHEET 2.

Weight	Fei	nale	Ι	Male
Category	Tally	Frequency	Tally	Frequency
50-59	//	2	/	1
60–69	////	4		
70–79	////	4		
80–89	/	1		
90–99	/	1		
100–109	/	1		

(5)

Use the above information in TABLE 3 and your completed ANSWER SHEET 2 to answer the questions that follow.

In which category do most of the females fall? 4.3.2 (2)

Calculate the number of males who weighs 70 kilograms (kg) or more but less 4.3.3 (2) than 90 kg.

Determine the probability (as a percentage) of randomly selecting a learner 4.3.4 weighing 70 kg or more from the class. (3) [29]

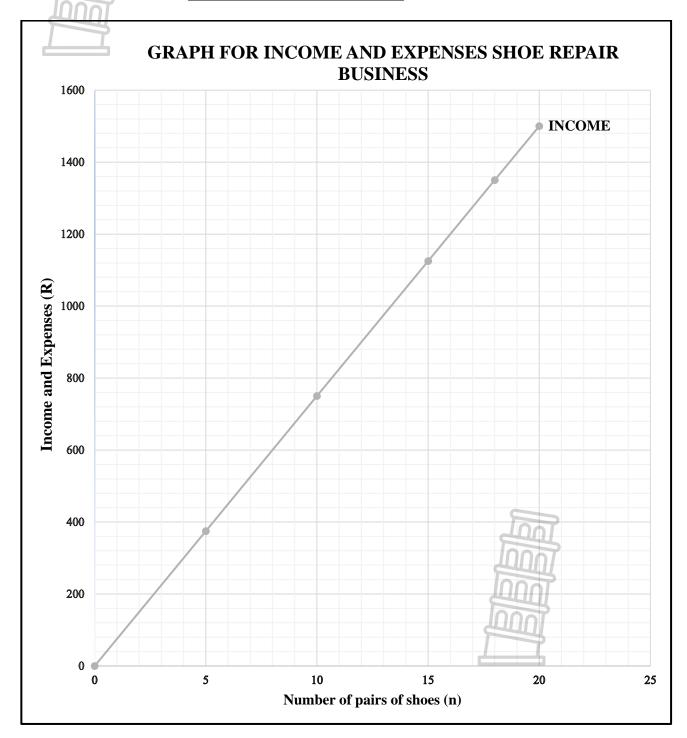
> **TOTAL:** 100

**ANSWER SHEET 1** 

**QUESTION 4.1.3** 

NAME OF SCHOOL: \_\_\_\_\_ GR 11: \_\_\_\_

NAME OF LEARNER:



#### **ANSWER SHEET 2**

$\Omega$	UEST	$\mathbf{ON}$	13	1
v			14.3.	ı

NAME OF SCHOOL:	GR 11:
NAME OF LEARNER:	

Complete the frequency table that the teacher left incomplete: Use the table in the ANSWER SHEET 2.

Weight Category	Fo	emale	Male		
Weight Category	Tally	Frequency	Tally	Frequency	
50–59	//	2	//	2	
60–69	////	4			
70–79	////	4			
80–89	/	1			
90–99	/	1			
100–109	/	1			



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## **GRADE 11**

## **NOVEMBER 2022**

## MATHEMATICAL LITERACY P1 MARKING GUIDELINE

**MARKS: 100** 

Symbol	Explanation
M	Method
MA	Method with accuracy
CA	Consistent accuracy
MCA	Method with consistent accuracy
A	Accuracy
С	Conversion
S	Simplification
RT/RG/RM	Reading from a table/Reading from a graph/Read from a map
F	Choosing the correct formula
SF	Substitution in a formula
J	Justification
P	Penalty, e.g. for no units, incorrect rounding off etc.
R	Rounding Off/Reason
AO	Answer only
NPR	No penalty for rounding

This marking guideline consists of 7 pages.

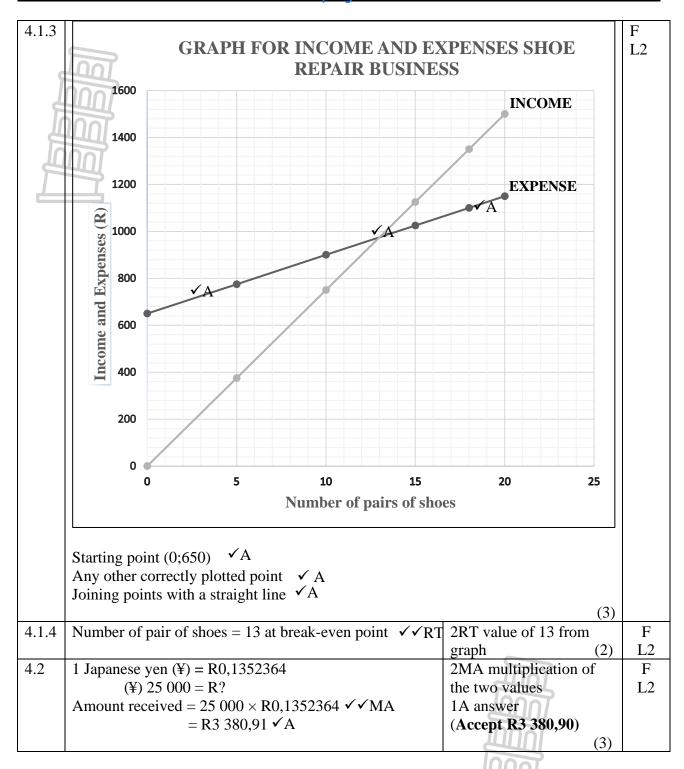
QUE	STION 1: FINANCE AND DATA HANDLING [19]		
Ques	Solution	Explanation	T&L
1.1.1	Clerk/Cashier ✓✓ RT	2RT correct occupation	F
¢		(2)	L1
1.1.2	Total deductions = $R650 + R774 + R61,25 \checkmark M$	1M adding the	F
6	= R1 485,25 ✓ A	deductions	L1
Щ	חו	1A answer	
	OR		
	Total deductions = R6 125–R4 639,75 ✓ M	1M subtracting	
	$= R1 \ 485,25 \ \checkmark A$	1A answer (2)	
1.1.3	Overtime = $R25 \times 45 \checkmark RG \checkmark M$	1RG values R25 and 45	F
	= R1 125	1M multiplication (2)	L1
1.1.4	Net pay is the amount received by employee after	2J explanation	F
	subtracting total deductions ✓ from gross income ✓ J	(2)	L1
1.1.5	Increase = $\frac{7.5}{100} \times 5000 \checkmark MA \checkmark M$	1MA percentage of 7,5%	F
	100 × 100 ×	1M multiplication with	L1
		R5 000	
	= R375 ✓A	1A answer (3)	
1.2.1	Histogram ✓✓ RT	2RT correct answer	D
		(2)	L1
	✓M		D
1.2.2	Total = 30 + 25 + 40 + 35 + 25 + 20 + 15 + 10 + 10 + 5	1M addition	L1
	= 215 <b>✓</b> CA	1CA answer (2)	
1.2.3	40 ✓ ✓ RG	2RG answer (2)	
1.2.4	$\frac{68}{100} \times 50 = 34 \text{ marks}  \checkmark \text{M} \checkmark \text{A}$	1M multiplication with	D
	$\frac{100}{100}$ $\stackrel{\wedge}{\sim}$ 30 = 34 marks $\stackrel{\vee}{\sim}$ MV A	% with 50	L1
		1A answer (2)	
		[19]	



QUES	QUESTION 2: FINANCE [33]				
Ques.	Solution	Explanation	T&L		
2.1.1	R2 470 783 ✓✓ RT	2RT correct lump sum	F		
		payable to beneficiaries	L1		
		(2)			
9	√RT	1RT correct value for	F		
2.1.2	R2 836 836 – R166 417 ✓ M	2022	L1		
T	= R2 670 419 ✓CA	1M subtraction R166 417			
		from the value of 2022			
		1CA correct answer (3)			
2.1.3	2022 ✓ M		F		
	Annual amount = $R26\ 383 \times 12$	1M multiplying the	L2		
	D216 506 / a	correct value by 12			
	$= R316 596 \checkmark S$	1S simplification			
	$= R316 600 \checkmark R$	1R correct rounding (3)			
2.1.4	Difference in lump sums for 2022 and 2021	1RT and subtracting	F		
	$= R919 \ 363 - R884 \ 198\checkmark RT$	correct values R919 363	L4		
	= R35 165 ✓ CA	and R884 198			
	R35 165 is not more than R35 615 statement is invalid. ✓ J	1CA simplification			
		1J justification. (3)			
2.1.5	Advantage:	2J any correct reason	F		
	It is a saving for the future $\checkmark\checkmark$ J	given	L4		
	One gets income after retiring				
	Beneficiaries get some income when the breadwinner has				
	passed on.  Choose ONE or ANY relevant answer.	(2)			
2.2.1	Selling price for Samsung Galaxy A72	(2)	F		
	$= R7 499,25 + R2 497,75 \checkmark M$	1M addition	L1		
	= R9 999,00 ✓A	1A answer (2)			
2.2.2	Total profit = R1 099,75 + R2 499,75 + R3 699,75 +	1M adding the total costs	F		
	R7 249,75 ✓M		L3		
	= R14 549,00				
	Total income = (3 299,25 + 1099,75 + 7499,25 + 2499,75 +	1M adding the profits			
	11099,25 + 3699,75 + 21749,25 + 2499,75 + 11099,25 + 3699,75 + 21749,25 + 7249,75)	1M adding the profits			
	$= R58 196,00 \checkmark M$	lnnnï			
	- 100 170,00 · 111	1M forming ratio			
	Ratio of total profit: total income	1CA reduced to simplest			
	$= R14549,00 : R58196,00 \checkmark M$	ratio form			
	= 1 : 4 ✓CA	(4)			
2.2.3	A31 cellphones ordered = $\frac{2}{3} \times 15 = 10$ $\checkmark$ A	1A for number of A31 phone ordered	F L4		
	A72 cellphones ordered = $\frac{1}{3} \times 15 = 5$ $\checkmark$ A	1A for number of A72	L-+		
	Cost price of A31: $10 \times R3$ 299,25 = R32 992,50 $\checkmark$ MCA	phone ordered.			
	Cost price of A72: $5 \times R7 \ 499,25 = R37 \ 496,25 \checkmark MCA$	1MCA cost price for A31			
	✓ MCA	1			
	Total cost price of the order = $R32\ 992,50 + R37\ 496,25$	1MCA cost price for A72			
	= R70 488,75	1MCA addition			
		(5)			

Ques	Solution	Explanation	T&L
2.2.4	Percentage decrease = R3 299,25 - R3 399,75 × 10006 / SE / SE	1SF substituting the	F
	R3 399,75	numerator values	L3
7	2000/ (5	1SF substituting	
4	= -2,96% ✓S	denominator value	
l Ir	2.00/ (P	1S simplification	
6	= 3,0% ✓R	1R rounding	
Щ	DNT	(NPR for negative	
		answer) (4)	
2.3	Amount charged : $6,110 \times R16,992900 = 103,826619$ : $4,073 \times R17,326130 = 70,56932749$ : $2,817 \times R24,06370 = 67,7874429$	1M multiplying by the rate	F L4
	Total: R242,18 ✓ S	1S simplification	
	Amount charged including VAT: R242,18 × 1,15 ✓ M = R278,51 ✓ CA	1M VAT calculation 1CA simplification	
	INVALID statement ✓ J	1J justification (5)	
	INVALID statement V j	[33]	
		[33]	
OHE	STION 3: DATA HANDLING AND PROBABILITY [19]		
QUES	SHON 3: DATA HANDLING AND FRODABILITT [19]		
Ques.	Solution	Explanation	T&L
3.1	April 2018 ✓✓ RT	1RT for the month	D
		1RT for the year	L1
		correct (2)	
	✓ RT		D
3.2	Range = $R59 960 - R52 361 \checkmark M$	1DT 1 ('C' 4	
		1RT identifying the	L2
	$= R7 599 \text{ million } \checkmark CA$	values	L2
		, ,	L2
		values	L2
		values 1M subtraction	L2 D
3.3	= R7 599 million ✓CA	values 1M subtraction	
	= R7 599 million ✓ CA  ✓ A  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)	D
3.3	= R7 599 million ✓ CA  ✓ A  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = 666 424 000 ✓ RT	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions	D L1
	= R7 599 million ✓ CA  ✓ A  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator	D L1
	= R7 599 million ✓CA  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = $\frac{666424000}{12}$ ✓ RT ✓M	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator 1M dividing by 12	D L1
	= R7 599 million ✓ CA  ✓ A  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = 666 424 000 ✓ RT	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator	D L1
3.4	= R7 599 million ✓CA  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = $\frac{666424000}{12}$ ✓ RT $\sqrt{M}$ = R55 535 333,33 ✓ A	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator 1M dividing by 12 1A correct answer (3)	D L1
	= R7 599 million ✓CA  ✓ A  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = $\frac{666424000}{12}$ ✓ RT  = R55 535 333,33 ✓ A  Descending order:	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator 1M dividing by 12 1A correct answer (3)  1M arranging in	D L1 D L2
3.4	= R7 599 million ✓CA  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = $\frac{666424000}{12}$ ✓ RT $\sqrt{M}$ = R55 535 333,33 ✓ A	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator 1M dividing by 12 1A correct answer (3)	D L1 D L2
3.4	= R7 599 million ✓CA  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = $\frac{666\ 424\ 000}{12}$ ✓ RT  — R55 535 333,33 ✓ A  Descending order: 59 960; 59 270; 58 435; 57 915; 56 846; <b>55 646</b> ; <b>54 981</b> ; 54 467; 54 249; 53 844; 52 718; 52 361 ✓ M	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator 1M dividing by 12 1A correct answer (3)  1M arranging in descending/ascending order	D L1 D L2
3.4	= R7 599 million ✓ CA  Six hundred and sixty-six billion, four hundred and twenty- four million ✓ A  Mean sales in millions = \frac{666 424 000}{12} ✓ RT ✓ M  = R55 535 333,33 ✓ A  Descending order: 59 960; 59 270; 58 435; 57 915; 56 846; <b>55 646</b> ; <b>54 981</b> ;	values 1M subtraction 1CA answer (3)  1A value of billions 1A value of millions (2)  1RT value of the numerator 1M dividing by 12 1A correct answer (3)  1M arranging in descending/ascending	D L1 D L2

3.6	Annual % increase rate on monthly premium	1RT correct values	Ъ		
	✓RT	1M calculation of	D		
	$= \frac{60406}{666424} \times 100\%  \checkmark \text{ M}$	percentage.	L2		
1	666 424 V IVI	1CA answer			
4	= 9,06 % ✓ CA	(AIDD)			
0 - 11	= 9,00 % · CA	(NPR) (3)			
3.7 2A identifying the number					
	P (month with decline from 2018 to 2019) = $\frac{5\sqrt{A}}{12}$ A of 5 months 1A answer denominator				
	/ 12 <b>V</b> A	17 T dillower denominator	P L3		
_	(3)				
		[19]			
QUES	STION 4: DATA HANDLING [29 MARKS]				
Ques.		Explanation	T&L		
4.1.1	R650 ✓✓ RT	2RT value from expenses			
		formula			
	OR	OR	F		
	Fixed cost = $R250 + 400 \checkmark RT$	1RT for adding both	L1		
		values			
	$= R650 \checkmark A$	1A answer (2)			
4.1.2	$\mathbf{A} = \mathbf{R650} + \mathbf{R25} \times 20$	1SF substitution in	F		
(a)	$= R1 150 \checkmark A \checkmark SF$	expenses formula	L2		
		1A simplification and			
		answer (2)			
4.1.2	Total expenses = R775 + R900 + R1 150  ✓ MCA	1MCA adding the	F		
(b)	$= R2 825 \checkmark S$	expenses with CA from	L4		
	✓M	4.1.2			
	Total Income = $R375 + R750 + R1500$	1S simplification			
	$= R2 625 \checkmark S$	1M adding income values			
		1S simplification			
		_			
	Expenses – Income = R2 825 – R2 625 ✓ MCA	IMCA subtracting the two			
	= R200	values that give the loss of			
		R200			
		(5)			
<b></b>					



4.3.1	Weight	Female Male			1A tally and frequency	D	
	Category	Tally	Frequency	Tally	Frequency	for each row of males	L2
		Tuny	Trequency	Tuny	requestey		
9							
4	50–59	//	2	/	1		
	60–69	////	4	//	2 <b>√</b> A		
	70–79	////	4	1111	5 <b>√</b> A		
$\pi$				##			
	80–89	/	1	///	3 <b>√</b> A		
	90–99	/	1	/	1 <b>✓</b> A	(5)	
	100–109	/	1	0	0 <b>√</b> A	(3)	
4.3.2	60–69 <b>√</b> RT	7				1RT for correct category	D
	70–70 <b>√</b> R′	T				1RT for correct category	L2
						(2)	
4.3.3	5 + 3 = 8					2RT for the correct	
	✓	✓RT				answer of 8	D
						(2)	L3
4.3.4			✓RT				P
	P(more than 70 kg) = $\frac{16}{25} \times 100\%$ $\checkmark$ M				1RT for the correct value	L3	
	25				of numerator and		
						denominator	
	= 64% ✓A				1M percentage		
	- 07/0 <b>/</b> A				calculation		
						1A answer (3)	
						[29]	
						TOTAL: 100	

