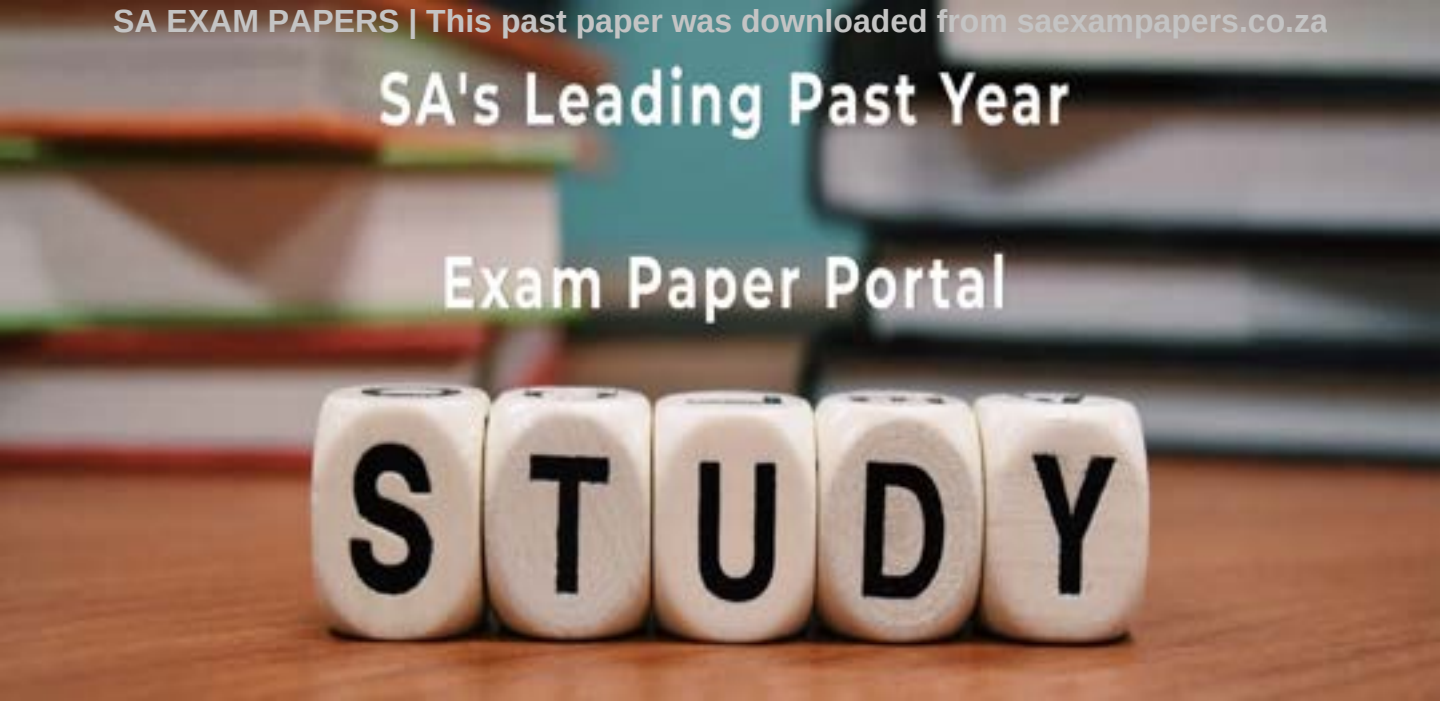

DEPARTMENT OF EDUCATION
DEPARTEMENT VAN ONDERWYS
LEFAPHA LA THUTO
ISEBE LEZEMFUNDO

PROVINCIAL PREPARATORY EXAMINATION/
PROVINSIALE VOORBEREIDENDE EKSAMEN

GRADE/*GRAAD 12*

MATHEMATICAL LITERACY P1

SEPTEMBER 2024

MEMO

MARKS/*PUNTE*: 150

Symbol/*Kode*	Explanation/*Verduideliking*
MA	Method with accuracy/*Metode met akkuraatheid*
MCA	Method with consistent accuracy/*Metode met volgehoue akkuraatheid*
CA	Consistent accuracy/*Volgehoue akkuraatheid*
A	Accuracy/*Akkuraatheid*
C	Conversion/*Herleiding*
S	Simplification/*Vereenvoudiging*
RT	Reading from a table/graph/document/diagram/*Lees vanaf tabel/grafiek/dokument/diagram*
SF	Correct substitution in a formula/*Korrekte vervanging in 'n formule*
O	Opinion/Explanation/*Opinie/Verduideliking*
P	Penalty, e.g. for no units, incorrect rounding off, etc./*Penalisering, bv. vir geen eenhede, verkeerde afronding, ens.*
NPR	No penalty for correct rounding/*Geen penalisering vir korrekte afronding nie*
NPU	No penalty for omitting unit, but wrong unit is penalised/*Geen penaliseringe indien die eenheid uitgelos is nie, maar wel indien 'n verkeerde eenheid gebruik word.*
AO	Answer only/*Slegs antwoord*

These marking guidelines consist of 19 pages.
Hierdie nasienriglyne bestaan uit 19 bladsye.

Please turn over/*Blaai om asseblief*

NOTE:

- If a candidate answers a question TWICE, only mark the FIRST attempt.
- If a candidate has crossed out (cancelled) an attempt to a question and NOT redone the solution, mark the crossed out (cancelled) version.
- Consistent accuracy (CA) applies in ALL aspects of the marking guidelines; however it stops at the second calculation error.
- If the candidate presents any extra solution when reading from a graph, table, layout plan and map, then penalise for every extra item presented.
- Rounding is an independent mark.
- General principle of marking, if the candidate makes one mistake one mark is deducted.
- A conclusion mark can only be given if relevant calculations precedes it.
- No penalty for rounding (NPR) if the first decimal is correct.

LET WEL:

- *As 'n kandidaat 'n vraag TWEE KEER beantwoord, sien slegs die EERSTE poging na.*
- *As 'n kandidaat 'n antwoord van 'n vraag doodtrek (kanselleer) en nie oordoen nie, sien die doodgetrekte (gekanselleerde) poging na.*
- *Volgehoue akkuraatheid (CA) word in ALLE aspekte van die nasienriglyne toegepas; dit hou egter op by die tweede berekeningsfout.*
- *Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.*
- *Afronding tel as 'n afsonderlike punt.*
- *Die algemene beginsel van merk as 'n leerder een fout maak, word een punt afgetrek.*
- *'n Gevolgtrekkingspunt kan slegs gegee word indien relevante berekeninge dit voorgaan.*
- *Geen penalisering vir ronding (NPR) as die eerste desimaal korrek is nie.*

QUESTION/*VRAAG* 1 [29 MARKS/*PUNTE*]		ANSWER ONLY FULL MARKS	
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
1.1.1	Discount/*Afslag* R429,00 − R301,00 ✓MA = R128,00 ✓A	 1MA subtracting correct values 1A simplification (2)	F L1
1.1.2	= 0,3333 ✓✓A	2A correct decimal NPR (2)	P L1
1.1.3	$= \frac{R179,00}{12}$ ✓MA = R14,91666667 ✓A = R14,92 ✓R	1MA dividing by 12 1A simplification 1R correct rounding (3)	F L1
1.1.4	= R0/Free/Gratis ✓✓A	2A correct delivery cost (2)	F L1
1.1.5	Number of boxes/*Aantal bokse* $= \frac{27}{12}$ ✓MA = 2,25 = 3 boxes/*bokse* ✓A	 1MA dividing by 12 1A correct rounded answer (2)	F L1
1.2.1	Twenty-six million fifty-six thousand seven hundred and six/*Ses en twintig miljoen ses en vyftig duisend sewehonderd en ses* ✓✓A	2A correct number in words (2)	D L1
1.2.2	18 − 24 years/jaar ✓✓A	2A correct age group (2)	D L1
1.2.3	Total percentage/*Totale persentasie* ✓RT ✓MA = 3,8% + 3,6% + 2,2% + 1,6% + 3,0% + 2,6% ✓A = 16,8%	1RT correct values 1MA adding values 1A simplification (3)	D L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
1.2.4	Percentage difference/*Persentasie verskil* = 14,4% − 1,6% ✓MA = 12,8% ✓A	 1MA subtracting correct values 1A simplification (2)	D L1
1.3.1	71,25 million rand ✓RT = R71 250 000 ✓A	1RT correct value from table 1A in numerals (2)	F L1
1.3.2 *	Value of **A**/*Waarde van **A*** $=\frac{35,5}{100}\times 54$ ✓MA = 19,17 ✓A	 1MA calculating 35,5% of 54 1A simplification (2)	F L1
1.3.3	✓RT 90 : 150 ✓MA 3 : 5 ✓CA **OR/*OF*** ✓RT 90 000 000 : 150 000 000 ✓MA 3 : 5 ✓CA	1RT correct values 1MA correct order 1CA simplification 1RT correct values 1MA correct order 1CA simplification (3)	F L1
1.3.4	4 ✓✓RT	1RT correct number of suburbs (2)	F L1
		[29]	

QUESTION/*VRAAG* 2 [33 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
2.1.1	6 people/*mense* ✓✓A	2A correct number (2)	F L1
2.1.2	Percentage increase $= \frac{\text{R250} - \text{R230}}{\text{R230}} \times 100\%$ ✓MA ✓MA ✓A $= 8{,}695652174\%$ $= 9\%$ ✓CA	1MA subtracting correct values 1A denominator 1MA calculating percentage 1CA simplification with correct rounding (4)	F L2
2.1.3 *	Return cost for senior citizens/*Retoerkoste vir senior burgers* $= (\frac{1}{4} \times \text{R420})$ ✓MA = R105 ✓A Total cost after 13:00 / *Totale koste na 13:00* ✓MA ✓MA $= (2 \times \text{R360}) + (3 \times \text{R130}) + \text{R105}$ = R720 + R390 + R105 ✓MCA = R1 215 ✓CA Amount saved/*Besparing* = R1 365 – R1 215 ✓MCA =R150 ✓CA	1MA calcatute ¼ of R420 1A return cost senior citizen 1MA calculate afternoon adult return cost 1MA calculate one-way children afternoon MCA adding all cost 1CA total cost after 13:00 1MCA calculate the difference 1CA amount saved (8)	F L3
2.1.4	They do not earn an income/*Hulle verdien nie 'n inkomste nie.* ✓✓O **OR/*OF*** Students received student discount/*Studente ontvang student afslag.* ✓✓O **OR/*OF*** Students are more likely to support businesses that offer discount/*Studente is meer geneig om besighede te ondersteun wat afslag bied.*✓✓O	2O valid reason 2O valid reason 2O valid reason (2)	F L4

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.2.1	✓✓A You buy the solar panels at a monthly installment. Only after your final installment you own the solar panels./ *Jy koop die sonpanele teen 'n maandelikse paaiement. Eers ná jou finale paaiement word die sonpanele jou eiendom.*	2A explanation (2)	F L1
2.2.2	Amount excluding VAT/*Bedrag BTW uitgesluit* $= \frac{R224\ 660}{1,15}$ ✓MA = R195 356,52 Vat Amount/*BTW bedrag* = R224 660 – R195 356,52 ✓MCA = R29 303,48 ✓CA **OR/*OF*** $= \frac{R224\,660}{115} \times 15$ ✓MCA ✓MA = R29 303,48 ✓CA	1MA dividing by 1,15 1MCA subtracting values 1CA simplification 1MA dividing by 115 1MCA multiply by 15 1CA simplification (3)	F L2
2.2.3	Total cost/*Totale koste* = R26 960 + (R5 400 × 60) + (R105 × 60) ✓MA ✓MA = R26 960 + R324 000 + R6 300 ✓CA ✓CA ✓MCA = R357 260 ✓CA	1MA calculating total instalment 1MA calculating total admin fees 1CA simplification instalment 1CA simplification admin fee 1MCA adding all values 1CA simplification (6)	F L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
			F
2.2.4	Division of monthly installment/ *Verdeling van maandelikse paaiement*		L4
	$5 + 3 = 8$ ✓A	1A correct total	
	Mr Johnson $= \frac{5}{8} \times R5400$ ✓MA	1MA calculating portion	
	$= R3\ 375$ ✓CA	1CA simplification	
	Mrs Johnson $= \frac{3}{8} \times R5400$ $= R2\ 025$ ✓MCA	1MCA correct portion	
	Difference/*Verskil*		
	$= R3\ 375 - R2\ 025$ $= R1\ 350$ ✓MCA	1MCA difference	
	His claim is VALID/*Sy bewering is GELDIG* ✓O	1O conclusion	
	OR/*OF*		
	Division of monthly installment/ *Verdeling van maandelikse paaiement*		
	$5 + 3 = 8$ ✓A	1A correct total	
	$\frac{5}{8} - \frac{3}{8}$ ✓MA	1MA subtracting the two fractions	
	$= \frac{2}{8}$ ✓CA	1CA simplification	
	Difference/*Verskil*		
	$= \frac{2}{8} \times R5\,400$ ✓MCA $= R1\ 350$ ✓MCA	1MCA multiply by R5 400 1MCA difference	
	His claim is VALID/*Sy bewering is GELDIG* ✓O	1O conclusion	
		(6)	
		[33]	

QUESTION/*VRAAG* 3 [25 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
3.1.1	✓MA A = 21 100 – (2 522 + 5 857 + 4 934 + 6 563) A = 21 100 – 19 876 A = 1 224 ✓A	1MA adding correct values and deduct from total 1A simplification (2)	D L1
3.1.2	Orange River/Oranje Rivier ✓RT Berg River/Berg Rivier ✓RT	1RT region 1RT region (2)	D L1
3.1.3	Compound Bar Graph/*Saamgestelde staafgrafiek* ✓✓A **OR/*OF*** Line Graph/*Lyngrafiek* ✓✓A **OR/*OF*** ✓✓A Multiple Bar Graph/*Meervoudige staafgrafiek*	2A graph 2A graph 2A graph (2)	D L1
3.1.4 *	Median/*Mediaan* 5 626; 5 768; 5 778; 5 857; 6 147; 6 195 ✓A ✓A $=\frac{5\,778+5\,857}{2}$ ✓MA $=\frac{11635}{2}$ $=5817{,}5$ ✓CA	1A arranging all the correct values 1A finding middle values 1MA concept of median 1CA simplification (4)	D L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
3.1.5 *	Trend from 2018 to 2023/*Tendens vanaf 2018 tot 2023* ✓O From 2018 to 2019, there was an <u>increase</u> in production/ *Vanaf 2018 tot 2019 was daar 'n <u>toename</u> in produksie* ✓O From 2019 to 2023, production <u>decreased</u>/ reduction annually/ *Vanaf 2019 tot 2023 het die produksie jaarliks <u>afgeneem</u>/vermindering*	1O increase from 2018 to 2019 1O decrease from 2019 to 2023 (2)	D L4
3.2.1	✓RT 30590 + 3 678 ✓MA = 34 268 **OR/*OF*** ✓RT 24 472 + 6 118 + 3 457 + 221 ✓MA = 34 268	1 RT correct values 1MA adding correct values 1 RT correct values 1MA adding correct values (2)	D L2
3.2.2	Hex River/*Hex Rivier* ✓✓RT	2RT region (2)	D L1
3.2.3	✓MA ✓MA 20 343 × 5 = 15 608 + 34 268 + 5 498 + 22 627 + Z 101 715 = 78 001 + Z Z = 101 715 – 78 001 ✓MCA Z = 23 714 ✓CA **OR/*OF*** Value of Z/*Waarde van Z* ✓MA $20343=\frac{15608+34268+5498+Z+22627}{5}$ ✓MA $20343=\frac{78001+Z}{5}$ Z = (20 343 × 5) - 78 001 ✓MCA Z = 23 714 ✓CA	1 MA concept of mean 1MA adding values 1MCA changing the subject of the formula 1CA simplification 1 MA concept of mean 1MA adding values 1MCA changing the subject of the formula 1CA simplification (4)	D L3

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
3.2.4 *	Probability/*Waarskynlikheid* $= \frac{24\,472 + 13\,600}{86\,870}$ ✓RT ✓MA ✓A $= \frac{38\,072}{86\,870}$ $= 0{,}4382640728$ ✓CA $= 0{,}44$ ✓R **OR/*OF*** $= \frac{24\,472}{86\,870} + \frac{13\,600}{86\,870}$ ✓RT ✓A $= 0{,}2817082998 + 0{,}156555773$ ✓MA $= 0{,}4382640728$ ✓CA $= 0{,}44$ ✓R	1RT correct values 1MA adding correct values 1A denominator 1CA simplification 1R rounding to 2 decimals 1RT correct values 1A denominator 1MA adding decimals 1CA simplification 1R rounding to 2 decimals (5)	P L3
		[25]	

QUESTION/*VRAAG* 4 [32 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
4.1.1	Fixed Cost/*Vaste Koste* = R180 + R250 ✓MA =R430 ✓A	1MA adding correct values 1A simplification (2)	F L1
4.1.2	Unit cost of patties/*Eenheidskoste van patties* = R417 ÷ 60 ✓MA = R6,95 ✓A	1MA dividing by 60 1A patties unit cost	F L3
	Unit cost of butter/*Eenheidskoste van botter* = R48 ÷ 80 = R0,60 ✓A	1A butter unit cost	
	Unit cost of cheese/*Eenheidskoste van kaas* = R135,84 ÷ 48 = R2,83 ✓A	1A cheese unit cost	
	Unit cost of bread roll/*Eenheidskoste van broodrolletjie* ✓MCA R14 – R6,95 – R0,60 – R2,83 = R3,62	1MCA subtracting the unit costs from R14	
	Unit price of bread roll at different stores /*Eenheidskoste van broodrolletjie by verskikllende winkels* Econo Foods = R185,40 ÷ 60 = R3,09 Makro = R72,89 ÷ 18 = R4,05 Food and More = R86,88 ÷ 24 ✓MCA = R3,62 FOOD AND MORE ✓A **OR/*OF***	1MCA Calculating the unit cost 1A correct store	

	Unit cost of patties/*Eenheidskoste van patties* = R417 ÷ 60 ✓MA = R6,95 ✓A Unit cost of butter/*Eenheidskoste van botter* = R48 ÷ 80 = R0,60 ✓A Unit cost of cheese/*Eenheidskoste van kaas* = R135,84 ÷ 48 = R2,83 ✓A Unit cost of bread roll/*Eenheidskoste van broodrolletjie* ✓MCA R14 – R6,95 – R0,60 – R2,83 = R3,62 Bulk price bread rolls/*Grootmaat prys broodrolletjies* ✓MCA = R3,62 × 24 = R86,88 FOOD AND MORE ✓A	1MA dividing by 60 1A patties unit cost 1A butter unit cost 1A cheese unit cost 1MCA subtracting the unit costs from R14 1MCA multiply by the units per pack 1A correct store (7)	

4.1.3	Profit/*Wins* R25 – R14 ✓MA = R11 ✓A $= \frac{11}{14} \times 100\%$ ✓MCA = 78,57% ✓CA Rudi's claim is invalid/*Rudi se bewering is verkeerd* ✓O **OR/*OF*** Profit/*Wins* $= R14 \times \frac{80}{100}$ ✓MA = R11,20 ✓A Selling price /*Verkoopsprys* =R14 + R11,20 ✓MCA = R25,20 ✓CA R25,20 > R25 Rudi's claim is invalid/*Rudi se bewering is verkeerd* ✓O	1MA subtracting correct values 1A simplification 1MCA percentage calculation 1CA simplification 1O conclusion NPR 1MA percentage calculation 1A simplification 1MCA adding correct values 1CA simplification 1O conclusion (5)	F L4

Q/V	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
4.2.1	Tennis ✓✓RT	2RT sport event (2)	D L1
4.2.2	Median age/*Mediaan ouderdom* Difference/*Verskil* ✓RT ✓RT = 29 – 22 ✓MA = 7 ✓CA	 1RT median age rugby 1RT median age swimming 1MA subtracting values 1CA simplification (4)	D L2
4.2.3 *	Inter Quartile Range/*Interkwartielomvang* = Q3 – Q1 ✓RT ✓RT = 36 – 17 ✓MA = 19 ✓CA	 1RT quartile 3 1RT quartile 1 1MA subtracting values 1CA simplification (4)	D L3
4.2.4	✓MA $\frac{25}{100} \times \frac{84}{1}$ ✓RT = 21 ✓A **OR/*OF*** $\frac{75}{100} \times 84$ ✓RT = 63 84 – 63 ✓MA = 21 ✓A	 1MA calculating 25% 1RT finding 84 1A simplification 1RT finding 84 1MA subtracting correct values 1A simplification (3)	D L3
4.3.1	25 May/*25 Mei* ✓✓RT	2RT date (2)	F L1
4.3.2	Salary B/*Salaris B* ✓RT = R5 206,91 – (-R38 304,43) = R5 206,91 + R38 304,43 ✓MA = R43 511,34 ✓A	 1RT correct values 1MA adding values 1A simplification (3)	F L2
		[32]	

QUESTION/*VRAAG* 5 [31 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
5.1.1	SARS/*SAID* ✓✓A **OR/*OF*** South African Revenue Service/ *Suid-Afrikaanse Inkomstediens* ✓✓A	2A government department 2A government department (2)	F L1
5.1.2	A = 857 901 ✓✓A	2A value of A (2)	F L2
5.1.3	Medical tax credits/*Mediese belasting krediete* ✓MA ✓MA (R364 × 2) + (R246 ×2) = R728 + R492 = R1 220 × 12 ✓MCA = R14 640 ✓CA	1MA main member and first dependant 1MA two additional dependants 1MCA multiply by 12 1CA simplification (4)	F L2
5.1.4 *	Monthly tax/*Maandelikse belasting* $= R77\,362 + \frac{31}{100} \times (R455\,400 - R370\,500)$ ✓SF $= R77\,362 + \frac{31}{100} \times (R84\,900)$ ✓CA $= R77\,362 + R26\,319$ ✓MA ✓MCA = R103 681 – R17 235 – R14 640 = R71 806 ÷ 12 = R5 983,83 ✓MCA ⅙ of monthly taxable income/ ⅙ *van maandelikse belasbare inkomste* = R455 400 ÷ 12 ✓MA $= R37\,950 \times \frac{1}{6}$ = R6 325 ✓MCA His claim is not valid/*Sy bewering is nie geldig nie* ✓O	**CA From Question 5.1.3** 1SF substitution in correct bracket 1CA simplification 1MA subtracting rebate 1MCA subtracting medical credits 1MCA dividing by 12 and simplification 1MA dividing by 12 1MCA multiply by ⅙ and simplification 1O conclusion (8)	F L4

Q/V	Solution/*Oplossing*	Explanation/*Verduideliking*	
5.2.1 *	No mode/*Geen modus* **OR/*OF*** None/*Geen* ✓✓A	2A no mode (2)	D L2
5.2.2 *	Range/*Omvang* ✓RT ✓RT 12,5 °C – (-21,8 °C) = 34,3 °C ✓CA	1RT correct value 1RT correct value 1CA simplification NPU (3)	D L2
5.3.1	Euro ✓✓RT	2RT currency (2)	F L1
5.3.2	$Z = \frac{1}{7.93508628}$ ✓MA Z = 0,1260225743 ✓A	1MA dividing by exchange rate 1A simplification NPR (minimum of 6 decimals) (2)	F L2
5.3.3	Total accommodation cost/*Totale akkomodasie koste* ✓RT = CAD 85,45 × 4 × 6 ✓MA = CAD 2 050,80 ✓CA $= \frac{\text{CAD } 2050{,}80}{1} \times 13{,}980936$ ✓MCA = R28 672,10 ✓CA ✓O His claim is not valid/*Sy bewering is nie geldig nie* **OR/*OF*** Total accommodation cost/*Totale akkomodasie koste* ✓RT = CAD 85,45 × 4 × 6 ✓MA = CAD 2 050,80 ✓CA $= \frac{\text{CAD } 2050{,}80}{0{,}071526} \times 1$ ✓MCA = R28 672,09 ✓CA His claim is not valid/*Sy bewering is nie geldig nie* ✓O **OR/*OF***	1RT CAD 85,45 1MA multiply by 4 and 6 1CA simplification 1MCA multiply with exchange rate 1CA simplification 1O conclusion 1RT CAD 85,45 1MA multiply by 4 and 6 1CA simplification 1MCA dividing by exchange rate 1CA simplification 1O conclusion	F L4

	Total accommodation cost/*Totale akkomodasie koste* ✓RT = CAD 85,45 × 4 × 6 ✓MA = CAD 2 050,80 ✓CA $\frac{\text{ZAR } 28\,000}{13{,}980936}$ ✓MCA = CAD 2002,73 ✓CA His claim is not valid/*Sy bewering is nie geldig* ✓O **OR/*OF*** Total accommodation cost/*Totale akkomodasie koste* ✓RT = CAD 85,45 × 4 × 6 ✓MA = CAD 2 050,80 ✓CA ZAR 28 000 × 0,071526 ✓MCA = CAD 2002,73 ✓CA His claim is not valid/*Sy bewering is nie geldig* ✓O	1RT CAD 85,45 1MA multiply by 4 and 6 1CA simplification 1MCA dividing by exchange rate 1CA simplification 1O conclusion 1RT CAD 85,45 1MA multiply by 4 and 6 1CA simplification 1MCA multiply with exchange rate 1CA simplification 1O conclusion (6)	
		[31]	
		TOTAL/*TOTAAL*: 150	

NOTES		
QUESTION 1		
1.3.2	$= \frac{35,5}{100} \times 54$ ✓MA 19 170 000	1 / 2 marks
QUESTION 2		
2.1.3	Return cost for senior citizens/*Retoerkoste vir senior burgers* $= (\frac{1}{4} \times R420)$ ✓MA = R105 ✓A Total cost after 13:00 / *Totale koste na 13:00* ✓MA ✓MA = (2 × R360) + (3 × R130) + R105 = R720 + R390 + R105 ✓MCA = R1 215 ✓CA Amount saved/*Besparing* = R1 335 – R1 215 ✓MCA =R120 ✓CA	8 / 8 marks
QUESTION 3		
3.1.4	Correct dataset used and one value omitted	2 / 4 marks
	Wrong dataset used	3 / 4 marks
3.1.5	Decreased	1 / 2 marks
	Decreased from 2019 to 2023	2 / 2 marks
3.2.4	Probability/*Waarskynlikheid* ✓RT ✓MA $= \frac{24\,472 + 13\,600}{86\,870}$ ✓A $= \frac{38\,072}{86\,870}$ ✓CA = 0,4382640728 ×100 = 43,82640728 % = 43,83 % ✓R	5 / 5 marks

QUESTION 4		
4.2.3	Other sport	2 / 4 marks
QUESTION 5		
5.1.4	Monthly tax/*Maandelikse belasting* $= R77\,362 + \frac{31}{100} \times (R455\,400 - R370\,500)$ ✓SF $= R77\,362 + \frac{31}{100} \times (R84\,900)$ ✓CA $= R77\,362 + R26\,319$ ✓MA ✓MCA = R103 681 – R17 235 – R14 640 = R71 806 ÷ 12 = R5 983,83 ✓MCA Monthly taxable income/ *Maandelikse belasbare inkomste* = R455 400 ÷ 12 ✓MA =R37 950 $\frac{R5\,983.83}{R37\,950}$ ✓MCA = 0,15768 $\frac{1}{6}$ = 0,16667 ✓O His claim is not valid/*Sy bewering is nie geldig nie*	8 / 8 marks
5.2.1	0	0 / 2 marks
5.2.2	-21,5 - 12,5 = -34,3	2 / 3 marks