



basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

**SENIOR CERTIFICATE EXAMINATIONS/
NATIONAL SENIOR CERTIFICATE EXAMINATIONS
SENIORSERTIFIKAAT-EKSAMEN/
NASIONALE SENIORSERTIFIKAAT-EKSAMEN**

**MATHEMATICAL LITERACY P1/
WISKUNDIGE GELETTERDHEID V1**

MAY/JUNE/MEI/JUNIE 2025

MARKING GUIDELINES/NASIENRIGLYNE

MARKS/PUNTE: 150

Symbol/Kode	Explanation/Verduideliking
MA	Method with accuracy/ <i>Metode met akkuraatheid</i>
CA	Consistent accuracy/ <i>Volgehoue akkuraatheid</i>
A	Accuracy/ <i>Akkuraatheid</i>
C	Conversion/ <i>Herleiding</i>
RT	Reading from a table/graph/document/diagram/ <i>Lees vanaf tabel/grafiek/dokument/diagram</i>
SF	Correct substitution in a formula/ <i>Korrekte vervanging in 'n formule</i>
O	Opinion/Explanation/ <i>Opinie/Verduideliking</i>
P	Penalty, e.g. for no units, incorrect rounding off, etc./ <i>Penalisasie, bv. vir geen eenhede, verkeerde afronding, ens.</i>
R	Rounding off/ <i>Afronding</i>
NPR	No penalty for rounding/ <i>Geen penalisasie vir afronding nie</i>
NPU	No penalty for omitting correct unit/ <i>Geen penalisasie vir die uitlos van die korrekte eenheid nie.</i>
AO	Answer only/ <i>Slegs antwoord</i>
MCA	Method with consistent accuracy/ <i>Metode met volgehoue akkuraatheid</i>
RCA	Rounding consistent with accuracy/ <i>Afronding met volgehoue akkuraatheid</i>

**These marking guidelines consist of 20 pages and 1 page of notes.
Hierdie nasienriglyne bestaan uit 20 bladsye en 1 bladsy met notas.**

APPROVED ON 23 May 2025	External Moderators (Question Paper)		Internal Moderator (Question Paper)	
	R.I. Singh	E.D. Cronje	L.R. de Waal	S.J. Tune

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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 or break-down.
- 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 awarded if relevant calculations of **at least** $\frac{1}{3}$ of the maximum mark of the sub-question has been awarded.
- No penalty for rounding (NPR) if the first decimal is correct, except questions involving money.

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 of 'break-down'.
- 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 van **ten minste** $\frac{1}{3}$ van die maksimumpunt van die subvraag toegeken is.
- Geen penalisering vir ronding (NPR) as die eerste desimaal korrek is nie, behalwe as vrae geld insluit.

QUESTION/VRAAG 1 [29 MARKS/PUNTE]		ANSWER ONLY FULL MARKS	
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
1.1.1	Smartmobile ✓✓A	2A correct service provider (2)	F L1 E
1.1.2	Total / Totaal ✓RT = R75 + R75 + R75 ✓MA = R225 ✓A OR / OF Total / Totaal ✓RT = R75 × 3 ✓MA = R225 ✓A	1RT correct value (R75) 1MA adding values 1A simplification OR / OF 1RT correct value (R75) 1MA multiply by 3 1A simplification (3)	F L1 E

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
1.1.3	1 000 MB = 1 GB Cost per MB / Koste per MB $= \frac{R100,00}{1000} \checkmark MA$ $= R0,10 / 10c \checkmark A$	1MA dividing by 1 000 1A simplification (2)	F L1 M
* 1.1.4	Probability / Waarskynlikheid $= \frac{2}{3}$ $= 0,6666666667 \checkmark A$ $= 0,67 \checkmark R$	1A correct decimal 1R correct rounding (2)	P L1 E
1.2.1	Beryl $\checkmark\checkmark RT$	2RT correct option (2)	F L1 E
* 1.2.2	Salary bracket / Salaris hokkie $= 15\ 822 - 27\ 324 \checkmark\checkmark RT$	2RT correct bracket (2)	F L1 E
* 1.2.3	Total contribution / Totale bydrae $= R1\ 669 + R1\ 656 + 2 (R952) \checkmark MA$ $= R5\ 229 \checkmark A$	1RT all 3 correct values 1MA adding values 1A simplification (3)	F L1 E
1.2.4	Difference / Verskil $= R3\ 180 - R1\ 821 \checkmark RT \checkmark RT$ $= R1\ 359 \checkmark A$	1RT R3 180 1RT R1 821 1A simplification (3)	F L1 M

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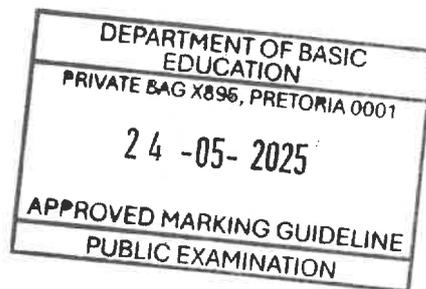
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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
* 1.3.1	Inflation is the increase in the price of goods and services over a given period of time / <i>Inflasie is die verhoging in die prys van goedere en dienste oor 'n gegewe tydperk.</i> ✓✓A OR / OF Decrease in the purchasing power of a currency over a given period of time / <i>Afname in die koopkrag van geld oor 'n periode van tyd.</i> ✓✓A	2A correct definition (2)	F L1 E
1.3.2	Continuous data / <i>Kontinue data</i> ✓✓A	2A correct classification (2)	D L1 E
1.3.3	2,5 ✓✓RT	2RT correct value Accept: 2,5% (2)	D L1 E
1.3.4	✓RT 4,6 3,6 3,2 2,6 1,8 1,7 -3,0 ✓A	1RT correct values 1A correct order (2)	D L1 M
1.3.5	✓RT 2025 and / en 2026 ✓RT	1RT 2025 1RT 2026 (2)	D L1 E
		[29]	



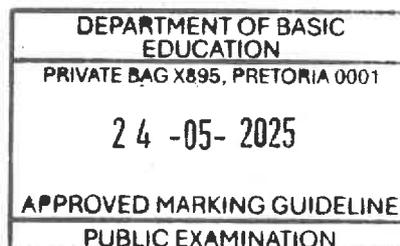

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QUESTION/VRAAG 2 [35 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
2.1.1	Cols-Medical Supplies ✓✓A	2A correct name Accept: Cols (2)	F L1 E
2.1.2 (a)	True / Waar ✓✓A	2A correct choice (2)	F L2 E
2.1.2 (b)	✓A False – Provident fund contribution code 4003 Onwaar – Voorsorgfondsbydrae-kode 4003 ✓A OR / OF ✓A False – There is a deduction of R36 005,00 Onwaar – Daar is 'n aftrekking van R36 005,00 ✓A	1A false 1A correct reason (2)	F L1 E
2.1.3 (a)	Total / Totaal = R254 805,24 + R4 250,88 + R5 702,69 ✓MA = R264 758,81 ✓A	1MA adding 3 values 1A simplification AO (2)	F L1 E
2.1.3 (b)	Employee's debt / Werknemer se skuld = R895 108 – (R564 467 + R38 093 + R87 369 + R154 839 + R36 005) ✓MA = R895 108 – R880 773 ✓MA = R14 335 ✓CA	1MA adding all the values 1MA subtracting from total 1CA simplification AO (3)	F L2 M
* 2.1.4	Total UIF / Totale WVF = R4 250,88 ✓RT Ms Khan's contribution = $\frac{R4\ 250,88}{2}$ ✓MA = R2 125,44 ✓A Monthly contribution = $\frac{R2\ 125,44}{12}$ ✓MA = R177,12 ✓CA OR / OF	1RT reading the correct value 1MA dividing by 2 1A simplification 1MA dividing by 12 1CA simplification OR / OF	F L3 D

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
	Total UIF / Totale WVF = R4 250,88 ✓RT Monthly contributions = $\frac{R4\ 250,88}{12}$ ✓MA = R354,24 ✓A Ms Khan's contribution = $\frac{R354,24}{2}$ ✓MA = R177,12 ✓CA	1RT reading the correct value 1MA dividing by 12 1A simplification 1MA dividing by 2 1CA simplification (5)	
2.1.5	Taxable income / Belasbare inkomste ✓SF = R895 108 – (R36 005 × 2) – (20% × R154 839) ✓MA ✓A = R895 108 – R72 010 – R30 967,80 ✓CA = R792 130,20 ✓CA OR / OF Non-taxable travel allowance / Nie-belasbare reistoelae = (20% × R154 839) ✓MA = R30 967,80 ✓CA Taxable income / Belasbare inkomste = R895 108 – (R36 005 × 2) – R30 967,80 ✓SF ✓A = R895 108 – R72 010 – R30 967,80 = R792 130,20 ✓CA OR / OF	1SF substitution 1MA calculating 20% 1A total provident fund 1CA travel allowance 1CA taxable income OR / OF 1MA calculating 20% 1CA travel allowance 1SF substitution 1A total provident fund 1CA taxable income OR / OF	F L3 M

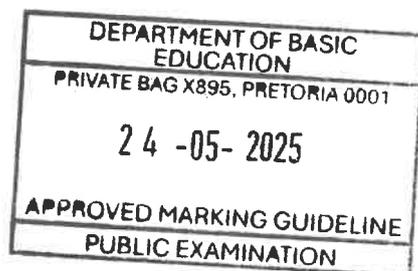


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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
	Non-taxable travel allowance / <i>Nie-belasbare reistoelae</i> $= R154\ 839 - R123\ 871 \checkmark MA$ $= R30\ 968 \checkmark CA$ Taxable income / <i>Belasbare inkomste</i> $= R895\ 108 - (R36\ 005 \times 2) - R30\ 968 \checkmark SF$ $\checkmark A$ $= R895\ 108 - R72\ 010 - R30\ 968$ $= R792\ 130 \checkmark CA$	1MA subtracting values 1CA travel allowance (using the table values) 1SF substitution 1A total provident fund 1CA taxable income (5)	
* 2.2	Income tax before rebate / <i>Inkomstebelasting voor kortings</i> $\checkmark A$ $= R170\ 734 + 39\% (R792\ 130,20 - R641\ 400) \checkmark SF$ $= R170\ 734 + 39\% (R150\ 730,20)$ $= R170\ 734 + R58\ 784,78$ $= R229\ 518,778 \checkmark CA$ Income tax after rebate / <i>Inkomstebelasting na kortings</i> $= R229\ 518,778 - R16\ 425 \checkmark RT$ $= R213\ 093,78 \checkmark CA$ Her statement is VALID / <i>Haar stelling is GELDIG.</i> $\checkmark O$	CA from Question 2.1.5 1A correct bracket 1SF correct substitution 1CA tax before rebate CA only if subtraction in bracket 1RT rebate 1CA simplification 1O conclusion (6)	F L4 D

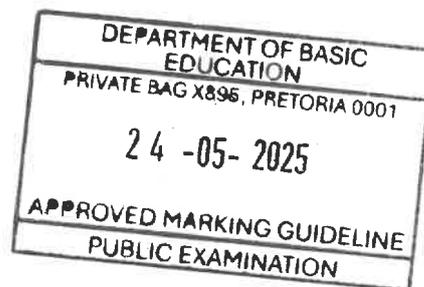


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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L																																																																																																							
2.3.1	The amount charged per kℓ of water used / Die bedrag gehef per kℓ water gebruik. ✓✓A	2A explanation	F L1 E																																																																																																							
*	<p>2.3.2 Amount excl VAT / Bedrag BTW uitgesluit</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">0 – 6 kℓ</td> <td style="width: 10%;">6</td> <td style="width: 10%;">×</td> <td style="width: 10%;">R0,00</td> <td style="width: 10%;">=</td> <td style="width: 10%;">R0,00</td> <td style="width: 10%;">✓A</td> <td style="width: 10%;">1A row 1</td> </tr> <tr> <td>>6 kℓ to 25 kℓ</td> <td>19</td> <td>×</td> <td>R27,80</td> <td>=</td> <td>R528,20</td> <td>✓A</td> <td>1A row 2</td> </tr> <tr> <td>>25 kℓ to 30 kℓ</td> <td>5</td> <td>×</td> <td>R37,90</td> <td>=</td> <td>R189,50</td> <td>✓A</td> <td>1A row 3</td> </tr> <tr> <td>>30 kℓ to 45 kℓ</td> <td>2</td> <td>×</td> <td>R83,60</td> <td>=</td> <td>R167,20</td> <td>✓A</td> <td>1A row 4</td> </tr> <tr> <td colspan="6"></td> <td style="text-align: right; border-top: 1px solid black;">R884,90</td> <td></td> </tr> </table> <p>Amount incl VAT / Bedrag BTW ingesluit</p> $= R884,90 + R884,90 \times \frac{15}{100}$ <div style="border: 1px solid black; padding: 2px; display: inline-block; margin: 5px;">OR R884,90 × 1,15</div> $= R884,90 + R132,74 \checkmark \text{MCA}$ $= R1\ 017,64 \checkmark \text{CA}$ <p style="text-align: center;">OR / OF</p> <p>Amount incl VAT / Bedrag BTW ingesluit</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td style="text-align: center;">✓MA</td> <td></td> </tr> <tr> <td>0 – 6 kℓ</td> <td>6</td> <td>×</td> <td>R0,00</td> <td>=</td> <td>R0,00</td> <td>✓A</td> <td>1A row 1</td> </tr> <tr> <td>>6 kℓ to 25 kℓ</td> <td>19</td> <td>×</td> <td>R31,97</td> <td>=</td> <td>R607,43</td> <td>✓A</td> <td>1A row 2</td> </tr> <tr> <td>>25 kℓ to 30 kℓ</td> <td>5</td> <td>×</td> <td>R43,585</td> <td>=</td> <td>R217,93</td> <td>✓A</td> <td>1A row 3</td> </tr> <tr> <td>>30 kℓ to 45 kℓ</td> <td>2</td> <td>×</td> <td>R96,14</td> <td>=</td> <td>R192,28</td> <td>✓A</td> <td>1A row 4</td> </tr> <tr> <td colspan="6"></td> <td style="text-align: right; border-top: 1px solid black;">R1 017,64</td> <td></td> </tr> <tr> <td colspan="6"></td> <td style="text-align: right;">✓CA</td> <td>1CA amount incl VAT</td> </tr> </table> <p style="text-align: center;">OF / OR</p> <p>1MA VAT incl tariff</p> <p>1CA total incl VAT</p> <p style="text-align: right;">(6)</p>	0 – 6 kℓ	6	×	R0,00	=	R0,00	✓A	1A row 1	>6 kℓ to 25 kℓ	19	×	R27,80	=	R528,20	✓A	1A row 2	>25 kℓ to 30 kℓ	5	×	R37,90	=	R189,50	✓A	1A row 3	>30 kℓ to 45 kℓ	2	×	R83,60	=	R167,20	✓A	1A row 4							R884,90																✓MA		0 – 6 kℓ	6	×	R0,00	=	R0,00	✓A	1A row 1	>6 kℓ to 25 kℓ	19	×	R31,97	=	R607,43	✓A	1A row 2	>25 kℓ to 30 kℓ	5	×	R43,585	=	R217,93	✓A	1A row 3	>30 kℓ to 45 kℓ	2	×	R96,14	=	R192,28	✓A	1A row 4							R1 017,64								✓CA	1CA amount incl VAT	F L3 M
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QUESTION/VRAAG 3 [34 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
3.1.1	Kwa-Zulu Natal / KZN ✓✓RT	2RT correct province (2)	D L1 E
* 3.1.2	✓RT 231 : 11 ✓MA 21 : 1 ✓CA	1RT correct values 1MA correct order 1CA simplification AO (3)	D L2 M
3.1.3	Total of all the values / <i>Totaal van al die waardes</i> = Mean / <i>Gemiddeld</i> × 9 = 2333,3 × 9 ✓MA = 21 000 ✓A Value of A / <i>Waarde van A</i> = 21 000 – (4 441 + 945 + 2 064 + 5 068 + 3 470 + 525 + 1 421 + 1 452) ✓SF = 21 000 – 19 386 ✓A = 1 614 ✓CA OR / OF Mean = $\frac{4441+945+2064+5068+3470+A+525+1421+1452}{9}$ ✓MA ✓SF 2 333,3 = $\frac{4441+945+2064+5068+3470+A+525+1421+1452}{9}$ ✓MA 2 333,3 × 9 = 19 386 + A A = 21 000 – 19 386 ✓A A = 1 614 ✓CA OR / OF	1MA reverse mean calculation 1A finding total value 1SF concept of mean 1A 19 386 1CA simplification OR / OF 1MA concept of mean 1SF correct substitution 1MA multiplying by 9 1A 19 386 1CA simplification OR / OF	D L3 M

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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
3.3.3	<p>Different scale used / <i>Verskillende skaal gebruik.</i> ✓✓○</p> <p style="text-align: center;">OR / OF</p> <p>The intervals used for South Africa are much smaller / <i>Die intervalle wat vir Suid-Afrika gebruik was, is baie kleiner.</i> ✓✓○</p> <p style="text-align: center;">OR / OF</p> <p>If one only looks at the graphs without looking at the scale of the vertical axes, you can easily make that mistake. South Africa only generated slightly more than 6 TWh, while Brazil generated above the 50 TWh line. <i>Indien 'n persoon net na die grafiek kyk sonder om die skaal in ag te neem, kan jy maklik 'n fout maak. Suid-Afrika het net meer as 6 TWh gegenereer terwyl Brasilië meer as die 50 TWh merk gegenereer het.</i> ✓✓○</p>	<p>20 conclusion</p>	<p>D L4 M</p>
		(2)	
		[33]	

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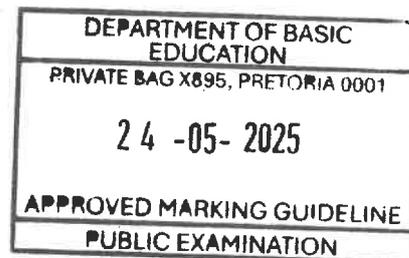
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QUESTION/VRAAG 4 [25 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
* 4.1.1	R356 100 000 000 / R356,1 billion / <i>miljard</i> ✓RT Three hundred and fifty six billion one hundred million rand. <i>Drie honderd ses en vyftig miljard een honderd miljoen rand.</i> ✓A	1RT correct amount 1A correct wording NPU (2)	F L1 E
4.1.2	✓MA B = 480,6 + 271,9 + 387,3 + 265,3 + 255,4 + 244,0 + 74,7 + 2,6 + 382,2 + 5,0 ✓MA = 2 369 ✓A	1MA adding first 8 values 1MA adding 382,2 and 5,0 1A simplification AO (3)	F L2 E
* 4.1.3	Total amount / <i>Totale bedrag</i> ✓RT = (385 + 274,9) billion ✓MA = 659,9 billion ✓A = 659 900 million / <i>miljoen</i> ✓CA OR / OF Total amount / <i>Totale bedrag</i> ✓RT ✓A = 385 000 million + 259 900 million ✓MA = 659 900 million / <i>miljoen</i> ✓CA	1RT reading correct values 1MA adding correct values 1A simplification 1CA value in millions OR / OF 1RT reading correct values 1A values in millions 1MA adding correct values 1CA simplification (4)	F L2 M



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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L																				
4.1.4	<p style="text-align: center;">GOVERNMENT EXPENSES</p> <table border="1" style="margin-top: 10px;"> <caption>Government Expenses (Amount in billions)</caption> <thead> <tr> <th>Year</th> <th>Learning and culture</th> <th>Social development</th> <th>Economic development</th> <th>Peace and security</th> </tr> </thead> <tbody> <tr> <td>2023</td> <td>499,3</td> <td>385</td> <td>274,9</td> <td>254,5</td> </tr> <tr> <td>2024</td> <td>480</td> <td>370</td> <td>260</td> <td>248</td> </tr> <tr> <td>2025</td> <td>468</td> <td>370</td> <td>242</td> <td>238</td> </tr> </tbody> </table> <p style="text-align: center;"> —●— 2023 ····· 2024 —●— 2025 </p>		Year	Learning and culture	Social development	Economic development	Peace and security	2023	499,3	385	274,9	254,5	2024	480	370	260	248	2025	468	370	242	238	D L2 M
Year	Learning and culture	Social development	Economic development	Peace and security																			
2023	499,3	385	274,9	254,5																			
2024	480	370	260	248																			
2025	468	370	242	238																			
<p>1A 1 first point plotted correctly 1A 1 end point plotted correctly 1A 2 middle points plotted correctly 1CA joining at least 3 points (at least one point must be correct) NOTE: Allow ± 1 mm variance on either side of the points</p> <p style="text-align: right;">(4)</p>																							

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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
4.2.1	30 – 39 ✓✓RT	2RT identifying mode (2)	D L2 E
4.2.2	Total number / <i>Totale aantal</i> $= 12\,409\,891 + 15\,313\,929$ $= 27\,723\,820$ ✓A Probability / <i>Waarkynlikheid</i> \checkmark RT $= \frac{12\,409\,891}{27\,723\,820} \times 100\%$ ✓MCA $= 44,76\%$ ✓CA	1A correct total 1RT correct numerator (12 409 891) 1MCA concept of probability 1CA simplification (4)	P L2 M
4.2.3	Range = Highest number of voters – Lowest number of voters <i>Omvang = Hoogste getal kiesers – Laagste getal kiesers</i> ✓A $5\,885\,202 = 6\,542\,033 - L$ ✓SF $6\,542\,033 - 5\,885\,202 = L$ ✓MA $L = 656\,831$ ✓CA <p style="text-align: center;">OR / OF</p> Total number of voters / <i>Aantal kiesers</i> $= 12\,409\,891 + 15\,313\,929$ $= 27\,723\,820$ ✓A $L = 27\,723\,820 - (3\,439\,325 + 1\,456\,935 + 6\,542\,033 + 5\,738\,272 + 2\,779\,668 + 2\,025\,074 + 1\,768\,580 + 3\,317\,102)$ ✓MA $= 27\,723\,820 - 27\,066\,989$ $= 656\,831$ ✓CA	1A correct concept 1SF correct substitution 1MA changing the subject of the formula 1CA simplification AO <p style="text-align: center;">OR / OF</p> 1A total voters 1SF correct substitution 1MA adding and subtracting 1CA simplification AO (4)	D L2 M

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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
* 4.2.4	<p>From 20 – 39 years the number of registered female voters increases / <i>Vanaf 20 tot 39 jaar vermeerder die aantal geregistreerde vroulike stemmers.</i> ✓O</p> <p>From 40 years and above the number of registered female voters decreases / <i>Vanaf 40 jaar en ouer verminder die aantal gerigestreerde vroulike stemmers.</i> ✓O</p>	<p>10 age and voters increase</p> <p>10 age increase voters decrease</p> <p>(2)</p>	D L4 M
			[25]

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QUESTION/VRAAG 5 [28 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
* 5.1.1	$I \checkmark \checkmark A$	2A correct player (2)	D L2 M
* 5.1.2	Player / Speler G: $\checkmark RT$ $= 30 : 21$ $= 1 : 0,7 \checkmark CA$ Player / Speler C: $\checkmark RT$ $= 50 : 28$ $= 1 : 0,56 \checkmark CA$ His statement is VALID / Sy bewering is GELDIG $\checkmark O$	1RT both correct values 1CA simplification 1RT both correct values 1CA like simplification 1O verification (5)	D L4 M
5.1.3	Annual salary / Jaarliks salaris $\text{€}18\,000 = 18\,000 \times 656 \text{ XOF} \checkmark C$ $= 11\,808\,000 \text{ XOF} \checkmark A$ Monthly salary / Maandeliks salaris $= \frac{11\,808\,000}{12} \text{ XOF} \checkmark MA$ $= 984\,000 \text{ XOF} \checkmark CA$ <p style="text-align: center;">OR / OF</p> Monthly salary in euro / Maandelikse salaris in euro $= \frac{18\,000}{12} \text{ euros} \checkmark MA$ $= \text{€}1\,500 \checkmark A$ Monthly salary in XOF / Maandelikse salaris in XOF $\text{€}1 = 656 \text{ XOF}$ $\therefore \text{€}1\,500 = 1\,500 \times 656 \text{ XOF} \checkmark C$ $= 984\,000 \text{ XOF} \checkmark CA$	1C converting to XOF 1A simplification 1MA dividing by 12 1CA simplification <p style="text-align: center;">OR / OF</p> 1MA dividing by 12 1A simplification 1C converting to XOF 1CA simplification (4)	F L2 M

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Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
5.1.4	<p>Amount end of year 1 / <i>Bedrag einde jaar 1</i></p> $= €2500 \times \frac{112,6}{100} \quad \checkmark\text{MA}$ $= €2815 \quad \checkmark\text{CA}$ <p>Amount end of year 2 / <i>Bedrag einde jaar 2</i></p> $= €2815 \times \frac{112,6}{100}$ $= €3169,69 \quad \checkmark\text{CA}$ <p>Interest for half of year 3 / <i>Rente vir helfte van jaar 3</i></p> $= €3169,69 \times \frac{12,6}{100} \times \frac{6}{12} \quad \checkmark\text{MA}$ $= €199,69$ <p>Total amount / <i>Totale bedrag</i></p> $= €3169,69 + €199,69$ $= €3369,38 \quad \checkmark\text{CA}$ <p style="text-align: center;">OR / OF</p> <p>Amount end of year 2 / <i>Bedrag einde jaar 2</i></p> $\checkmark\text{MA}$ $= €2500 \times \frac{112,6}{100} \times \frac{112,6}{100} \quad \checkmark\text{MA}$ $= €3169,69 \quad \checkmark\text{CA}$ <p>Interest for half of year 3 / <i>Rente vir helfte van jaar 3</i></p> $= €3169,69 \times \frac{12,6}{100} \times \frac{6}{12} \quad \checkmark\text{MA}$ $= €199,69$ <p>Total amount / <i>Totale bedrag</i></p> $= €3169,69 + €199,69$ $= €3369,38 \quad \checkmark\text{CA}$	<p>1MA calculating interest</p> <p>1CA simplification</p> <p>1CA amount for year 2</p> <p>1MA calculating months</p> <p>1CA simplification</p> <p style="text-align: center;">OR / OF</p> <p>1MA interest year 1 1MA interest year 2</p> <p>1CA amount for year 2</p> <p>1MA calculating months</p> <p>1CA simplification</p>	<p>F L3 M</p>

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Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
	<p style="text-align: center;">OR / OF</p> <p>Interest for year 1 / Rente vir jaar 1 $= €2\,500 \times \frac{12,6}{100} \quad \checkmark\text{MA}$</p> <p>Amount at end of year 1 / Bedrag aan einde van jaar 1 $= €2\,500 + €315$ $= €2\,815 \quad \checkmark\text{CA}$</p> <p>Amount at end of year 2 / Bedrag aan einde van jaar 1 $= €2\,815 + €2\,815 \times \frac{12,6}{100}$ $= €2\,815 + €354,69$ $= €3\,169,69 \quad \checkmark\text{CA}$</p> <p>Interest for half of year 3 / Rente vir helfte van jaar 3 $= €3\,169,69 \times \frac{12,6}{100} \times \frac{6}{12} \quad \checkmark\text{MA}$ $= €199,69$</p> <p>Total amount / Totale bedrag $= €3\,169,69 + €199,69$ $= €3\,369,38 \quad \checkmark\text{CA}$</p>	<p style="text-align: center;">OR / OF</p> <p>1MA calculating interest</p> <p>1CA simplification</p> <p>1CA amount for year 2</p> <p>1MA calculating months</p> <p>1CA simplification</p>	(5)
5.2.1	8 $\checkmark\checkmark\text{RT}$	2RT correct value	D L2 E
			(2)
*			F L3 E
5.2.2	<p>Prize money / Prysgeeld</p> <p>Previous + 40% = 2024 2024 = 140% $\checkmark\text{A}$</p> <p>$= \\$32\,000\,000 \times \frac{100}{140} \quad \checkmark\text{MA}$</p> <p style="border: 1px solid black; padding: 2px; display: inline-block;">OR / OF ÷ 1,4</p> <p>$= \\$22\,857\,142,86 \quad \checkmark\text{CA}$</p> <p>$= \\$22\,857\,143 \quad \checkmark\text{R}$</p>	<p>1A calculating 140%</p> <p>1MA percentage calculation</p> <p>1CA simplification</p> <p>1R rounding</p>	(4)

NOTES:		
QUESTION 1		
1.1.4	= 0,66 = 0,7	1/2 marks
1.2.2	Bracket 2 / Second bracket.	2/2 marks
1.2.3	If they add the values of 3 members not 4.	2/3 marks
1.3.1	Inflation is the increase in the price of goods and services. Decrease in purchasing power of currency.	2/2 marks
QUESTION 2		
2.1.4	If learner uses the concept of UIF and not the column in the table: Monthly salary = R895 108 ÷ 12 = R74 592,33 UIF = R74 592,33 × 1% = R745,92	3/5 marks
2.2	If the candidates use R895 108.	5/6 marks
2.3.2	Wrong column used.	4/6 marks
QUESTION 3		
3.1.2	Wrong column, but order and simplification is correct.	2/3 marks
	Accept = 1 : 0,0476	3/3 marks
QUESTION 4		
4.1.1	Incorrect year but written correctly (382,2 or 414,7 billion in words).	1/2 marks
4.1.3	Accept: 659 900 000 000	4/4 marks
4.2.4	From 1 st age group to 3 rd age group the number of female voters increases while from 4 th age group to the end/last the number of female voters decreases.	2/2 marks
QUESTION 5		
5.1.1	$\frac{54}{18}$ = 3	1/2 marks
5.1.2	Player G: $\frac{21}{30} \times 100\%$ = 70% Player C: $\frac{28}{50} \times 100\%$ = 56% His statement is VALID.	5/5 marks
5.2.2	If a candidate used the \$7 000 000 for the winning team.	3/4 marks

