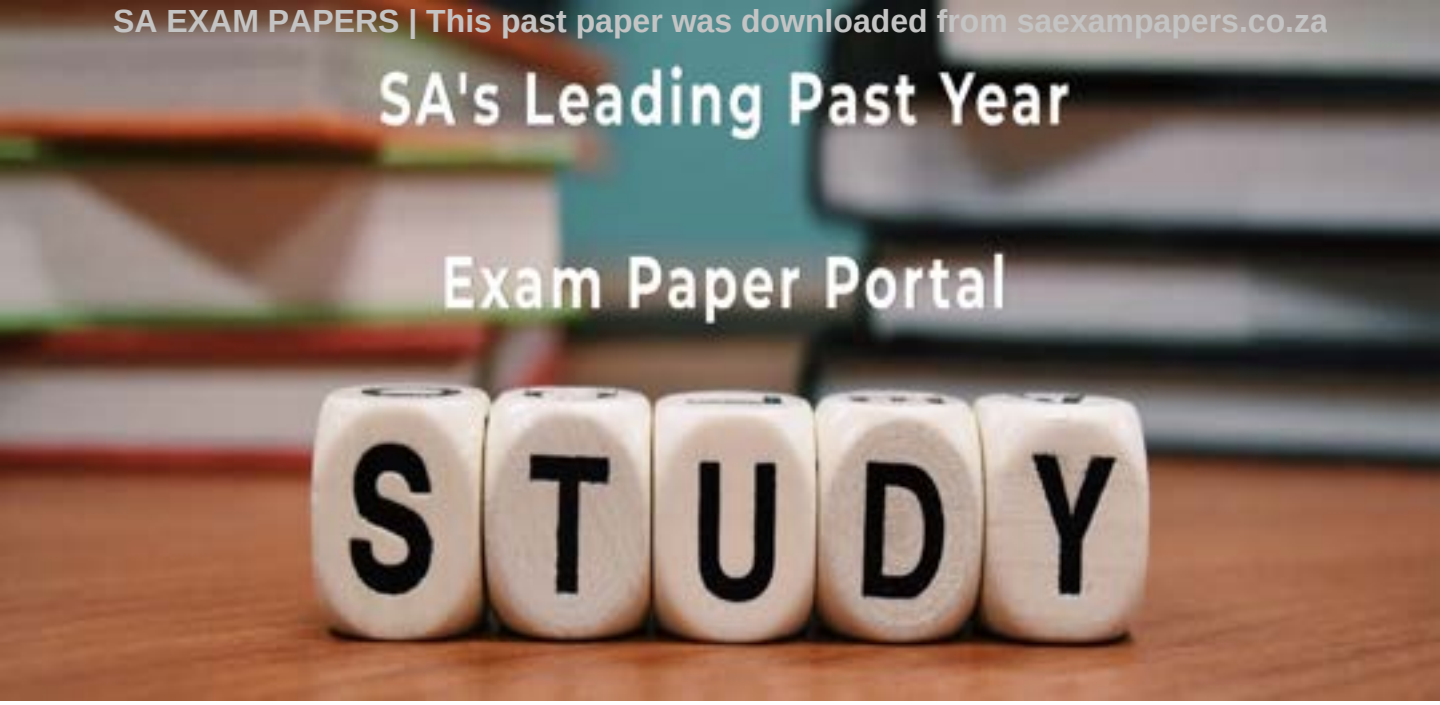


basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE/ *NASIONALE SENIOR SERTIFIKAAT*

GRADE/*GRAAD* 12

MATHEMATICAL LITERACY P1/ *WISKUNDIGE GELETTERDHEID V1*

NOVEMBER 2024

MARKING GUIDELINES/*NASIENRIGLYNE*

MARKS/*PUNTE*: 150

Symbol/*Kode*	Explanation/*Verduideliking*
MA	Method with accuracy/*Metode met 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./*Penalisasie, bv. vir geen eenhede, verkeerde afronding, ens.*
R	Rounding off/*Afronding*
NPR	No penalty for rounding/*Geen penalisasie vir afronding nie*
NPU	No penalty for omitting correct unit/*Geen penalisasie vir die uitlos van die korrekte eenheid nie.*
AO	Answer only/*Slegs antwoord*
MCA	Method with consistent accuracy/*Metode met volgehoue akkuraatheid*
RCA	Rounding consistent with accuracy/ *Afronding met volgehoue akkuraatheid*

These marking guidelines consist of 18 pages.
Hierdie nasienriglyne bestaan uit 18 bladsye.

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/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
1.1.1	5 / Five / *Vyf* ✓✓A	2A correct number (2)	D L1 E
1.1.2	✓A 17:30 – 18:00 ✓A **OR / *OF*** ✓A 5:30 pm – 6:00 pm ✓A **OF / *OF*** ✓A ✓A Half past five until 6 o'clock in the afternoon/evening/ *Half ses tot 6 uur in die namiddag/aand.*	1A 17:30 / 5:30 pm / Half past five 1A 18:00 / 6:00 pm / 6 o'clock (2)	D L1 E
* 1.1.3	C ✓✓A	2A correct option (2)	D L1 E

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 1.1.4	Probability / *Waarskynlikheid* $= \frac{56}{100}$ ✓A $= \frac{14}{25}$ ✓A	1A writing as a fraction 1A simplification (2)	P L1 E
* 1.1.5	Total number / *Totale getal* ✓RT = 26 + 26 ✓MA = 52 ✓A	1RT correct values 1MA adding correct values 1A simplification (3)	D L1 E
1.2.1	✓✓RT Sunflower oil / Oil / *Sonneblomolie / Olie* ✓RT Oranges / *Lemoene*	2RT first correct product 1RT second correct product (3)	F L1 E
1.2.2	Value of A / *Waarde van A* = R12,60 + R45,56 + R52,97 + R40,68 + R22,07 + R37,73 + R86,80 ✓ MA = R298,41 ✓ A	1MA adding ALL correct values 1A simplification **NPU** (2)	F L1 E
* 1.2.3	Price per dozen / *Prys per dosyn* = R52,97 ÷ 1,5 ✓A = R35,31 ✓A OR $\times \frac{1}{1,5}$ **OR / *OF*** 1 egg / *eier* = $\frac{R52,97}{18}$ ✓A Price per dozen / *Prys per dosyn* = R2,94277 × 12 = R35,31 ✓A **OR / *OF***	1A dividing by 1,5 1A simplification 1A dividing by 18 1A simplification	F L1 E

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 1.2.3	Price for ½ dozen / *Prys per ½ dosyn* $= \frac{R52,97}{3}$ ✓A = R17,65666 Price for dozen / *Prys per dosyn* = R17,65666 × 2 = R35,31 ✓A	1A dividing by 3 1A simplification **NPR** (2)	
* 1.2.4	✓RT = 22,07 : 20,10 ✓RT = 1 : 0,9107385591 ≈ 1 : 0,91 ✓A	1RT correct value 1RT correct value 1A simplification in correct order **NPR** (3)	F L1 E
* 1.3.1	C ✓✓A	2A correct letter (2)	F L1 E
* 1.3.2	A ✓✓A	2A correct letter (2)	F L1 E
* 1.3.3	I ✓✓A	2A correct letter (2)	F L1 E
* 1.3.4	B ✓✓A	2A correct letter (2)	D L1 E
		[29]	

QUESTION/*VRAAG* 2 [30 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
2.1.1	07032985769 ✓✓RT	2RT correct number (2)	F L1 E
* 2.1.2	✓RT **B** = R1 300,00 – R1 130,43 ✓MA = R169,57 ✓A **OR/*OF*** ✓RT ✓MA **B** = R1 130,43 × $\frac{15}{100}$ **OR** × 0,15 = R169,56 ✓A **OR/*OF*** ✓RT **B** = R1 300 × $\frac{15}{115}$ ✓MA = R169,57 ✓A	1RT correct value 1MA subtracting values 1A simplification **OR/*OF*** 1RT correct value 1MA calculating 15% 1A simplification **OR/*OF*** 1RT correct value 1MA calculating $\frac{15}{115}$ 1A simplification **AO** (3)	F L1 E
* 2.1.3	Amount for Block 1 / *Bedrag vir Blok 1* = 350 kWh × R2,19 ✓MA = R766,50 ✓CA Amount left for Block 2 / *Bedrag oor vir Blok 2* = R1 130,43 – R766,50 = R363,93 ✓MCA Units in Block 2/ *Eenhede in Blok 2* = $\frac{R363,93}{R2,91}$ ✓MCA = 125,0618557 kWh ✓CA Total kWh received / *Totale kWh ontvang* = 350 kWh + 125,0618557 kWh ✓MCA = 475,06 kWh ✓CA **OR / *OF***	1MA multiplying with tariff 1CA simplification 1MCA calculating remaining amount in Block 2 1MCA dividing by tariff 1CA simplification 1MCA adding values 1CA simplification **OR / *OF***	F L3 D

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 2.1.3	Tariff (VAT included) $= R2,19 \times \frac{115}{100}$ = R2,5185 Tariff (VAT included) $= R2,91 \times \frac{115}{100}$ = R3,3465 ✓A Amount spent in Block 1 / *Bedrag spandeer in Blok 1* = 350 kWh × R2,5185 ✓MCA = R881,475 Amount available for Block 2 / *Bedrag beskikbaar vir Blok 2* = R1 300 – R881,475 ✓MCA = R418,525 Units in Block 2/ *Eenhede in Blok 2* $= \frac{R418,525}{R3,3465}$ ✓MCA = 125,06 kWh ✓CA Total kWh received / *Totale kWh ontvang* = 350 kWh + 125,06 kWh ✓MCA = 475,06 kwh ✓CA	1A VAT calculation 1MCA calculating amount in Block 1 1MCA calculating remaining amount in Block 2 1MCA dividing by R3,3465 1CA simplification 1MCA adding values 1CA simplification **NPR** (7)	
* 2.2.1	R1 549 ✓✓RT	2RT correct amount **NPU** (2)	F L1 E

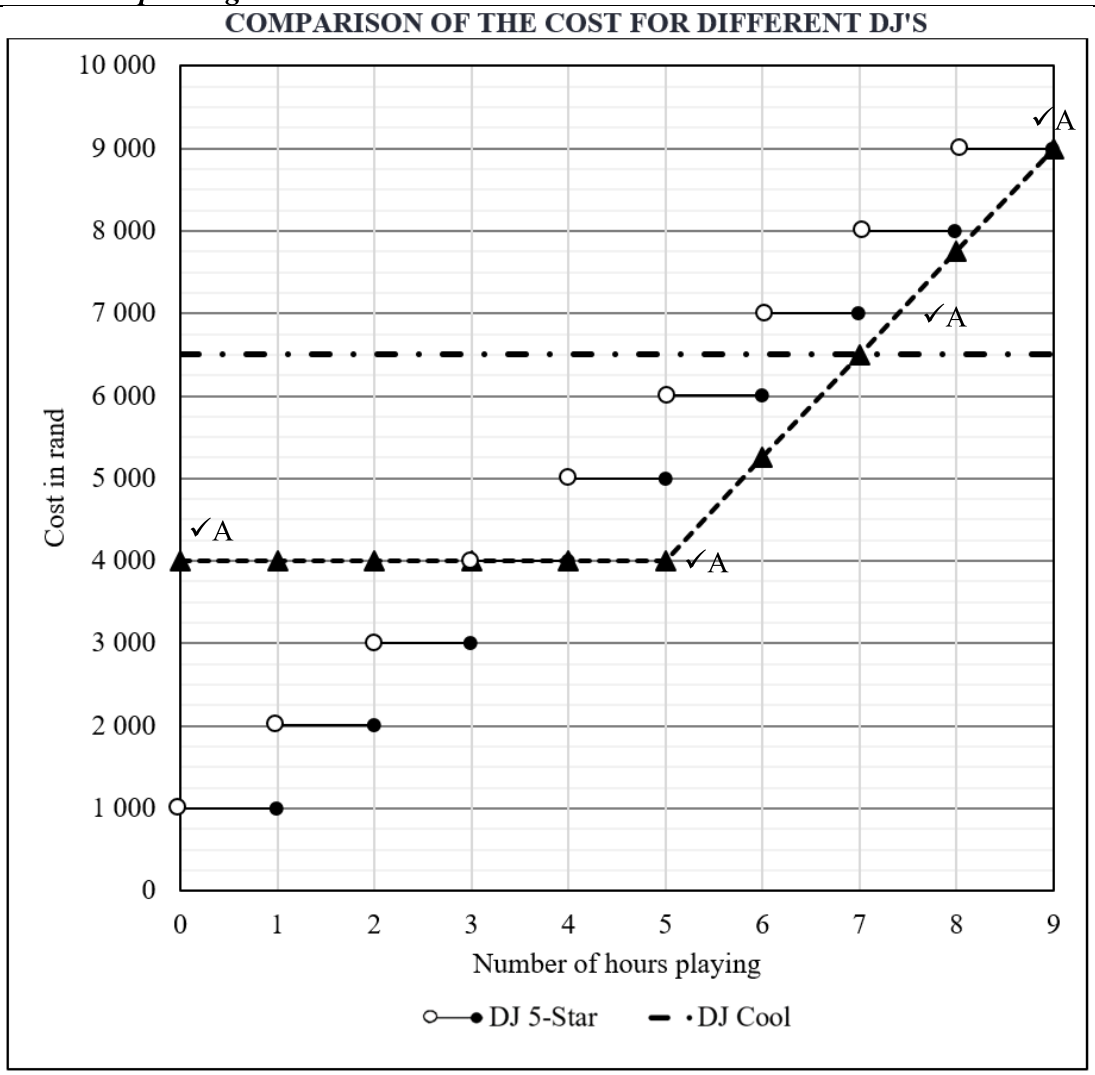
Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.2.2	Price excluding VAT / *Prys BTW uitgesluit* ✓RT $= \frac{R78\ 200}{1,15}$ ✓MA = R68 000 ✓A **OR/*OF*** Price excluding VAT / *Prys BTW uitgesluit* ✓RT $= R78\ 200 \times \frac{100}{115}$ ✓MA = R68 000 ✓A **OR/*OF*** VAT amount / *BTW bedrag* ✓RT $= R78\ 200 \times \frac{15}{115}$ ✓MA = R10 199,999 ≈ R10 200 Price excluding VAT / *Prys BTW uitgesluit* = R78 200 – R10 200 = R68 000 ✓A	1RT for R78 200 1MA dividing by 1,15 1A simplification **OR/*OF*** 1RT for R78 200 1MA multiplying $\times \frac{100}{115}$ 1A simplification **OR/*OF*** 1RT for R78 200 1MA multiplying $\times \frac{15}{115}$ 1A simplification (3)	F L2 E
* 2.2.3	Number of months / *Aantal maande* = 12 × 7 = 84 months / *maande* ✓A Rent-to-own / *Huur-om-te-besit* = (R1 549 × 84) + R782 + R7 820 = R130 116 + R782 + R7 820 ✓MCA = R138 718 ✓CA Difference / *Verskil* = R138 718 – R78 200 ✓MCA = R60 518 ✓CA	1A correct number of months 1MCA adding ALL correct values 1CA simplification 1MCA subtracting values 1CA simplification (5)	F L3 M

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 2.3.1	Annual taxable income / *Jaarlikse belasbare inkomste* = R39 275,85 × 12 ✓ MA = R471 310,20 ✓ A Tax Bracket C / *Belastingkerf C* ✓ MCA	 1MA multiplying by 12 1A simplification 1MCA tax bracket C **AO** (3)	F L2 E
2.3.2	Tax before rebate / *Belasting voor kortings* 77 362 + 31% of taxable income above 370 500 ✓ SF = R77 362 + 31% (R471 310,20 – R370 500) = R77 362 + 31% (R100 810,20) = R77 362 + R31 251,162 ✓ MCA = R108 613,162 ✓ CA Annual tax payable / *Jaarlikse belasting betaalbaar* = R108 613,162 – R17 235 ✓RT = R91 378,162 = R91 378,16 ✓CA **OR/*OF*** Annual tax payable / *Jaarlikse belasting betaalbaar* ✓✓ MCA ✓ SF = R77 362 + 0,31 (R471 310,20 – R370 500) – R17 235 ✓RT = R91 378,16 ✓CA	**CA from Question 2.3.1** 1SF correct substitution 1MCA adding values 1CA simplification 1RT rebate: R17 235 1CA simplification **OR/*OF*** 1SF correct substitution 2MCA adding values 1RT rebate: R17 235 1CA simplification (5)	F L3 M
		[30]	

QUESTION/*VRAAG* 3 [29 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
* 3.1.1	2015 ✓✓RT	2RT correct year (2)	D L2 M
* 3.1.2	Projected number of stores / *Geprojekteerde getal winkels* ✓RT ✓MA $= 2\ 204 \times \frac{95{,}39}{100} + 2\ 204$ $= 2\ 102{,}3956 + 2\ 204$ $= 4\ 306{,}3956$ $= 4\ 306$ ✓CA **OR/OF** Projected number of stores / *Geprojekteerde getal winkels* ✓RT $= 2\ 204 \times \frac{195{,}39}{100}$ ✓MA OR × 1,9539 = 4 306 stores / *winkels* ✓CA	1RT correct value 2 204 1MA percentage calculation 1CA simplification **OR/OF** 1RT correct value 2 204 1MA percentage calculation 1CA simplification **AO** Accept: 4 307 (3)	D L2 M
* 3.1.3	Average Shoprite / *Gemiddelde Shoprite* ✓RT ✓RT = 153 726 ÷ 3 543 = 43,388653…. employees / *werknemers* ✓CA Average Pick n Pay / *Gemiddelde Pick n Pay* ✓RT = 90 000 ÷ 2 204 = 40,834845…. employees / *werknemers* ✓CA *Her statement is VALID /* *Haar bewering is GELDIG.* ✓O	1RT 153 726 1RT 3 543 1CA simplification 1RT both correct values 1CA simplification 1O conclusion **NPR** (6)	D L4 M

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 3.1.4	Probability / *Waarskynlikheid* ✓RT $= \frac{3}{10} \times 100\%$ ✓RT = 30% ✓CA	1RT correct numerator 1RT correct denominator 1CA simplification **AO** (3)	P L2 E
* 3.2.1	Sample / *Steekproef* = 32 ✓A✓A Population / *Populasie* = 12 342 ✓A **OR/*OF*** ✓✓A 32 and / *en* 12 342 ✓A No words used	1A counting to 32 1A sample 1A correct population **OR/*OF*** 2A sample in correct order 1A population in correct order (3)	D L2 M
* 3.2.2	Option E / *Opsie E* ✓✓A	2A correct option (2)	D L1 E
* 3.2.3	The value 127 is 60 minutes more than the second highest time in the dataset / *Die waarde 127 is 60 minute meer as die tweede hoogste tyd van die datastel.* ✓✓O	2O conclusion (2)	D L4 M
3.2.4 (a)	Quartile 3/Kwartiel 3 = $\frac{28+29}{2}$ ✓RT ✓MA = 28,5 ✓CA	1RT correct values 1MA concept of quartile 1CA simplification **AO** (3)	D L2 E
* 3.2.4 (b)	New Quartile 1/ *Nuwe Kwartiel 1* = 15 ✓RT New Quartile 3/ *Nuwe Kwartiel 3* = 28 ✓RT IQR = $Q_3 - Q_1$ ✓A IQR = 28 – 15 ✓MCA = 13 He is CORRECT. / *Hy is KORREK.* ✓O	1RT correct value 1RT correct value 1A correct formula 1MCA subtracting values 1O conclusion (5)	D L4 M
		[29]	

QUESTION/*VRAAG* 4 [31 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
* 4.1.1 (a)	Cost / *Koste* ✓A ✓A ✓A = R4 000 + R1 250 × (number of hours exceeding 5) *= R4 000 + R1 250 × (aantal ure meer as 5)* **OR/*OF*** Cost / *Koste* ✓A ✓A = R4 000 + R1 250 × *n* Where *n* = number of hours exceeding 5 *Waar n = aantal ure meer as 5* ✓A	1A fixed cost (R4 000) 1A multiply hours with tariff (R1 250) 1A number of hours more than 5 (3)	F L2 M
4.1.1 (b)	**P** = 4 000 ✓A **Q** = 5 250 ✓✓A **R** = 9 000 ✓A	1A value of P 2A value of Q 1A value of R (4)	F L2 M
* 4.1.2 (a)	Step graph / *Trapgrafiek* Stepwise graph / *Stapgewyse grafiek* ✓✓A	2A correct name (2)	D L1 E

Q/*V*	Solution/*Oplossing*	T&L
4.1.2 (b)		F L3 M

CA from 4.1.1 (b)
1A starting point (0 ; 4 000)
1A (5 ; 4 000)
1A end point (9 ; 9 000)
1A joining ALL the points plotted on the slanted part of graph

1A beginpunt (0 ; 4 000)
1A (5 ; 4 000)
1A eindpunt (9 ; 9 000)
1A verbind ALLE punte op die skuinsgedeelte van die grafiek

(4)

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 4.1.3	Time / *Tyd* = 18:00 – 01:30 = 7 hrs 30 min ≈ 8 hrs } ✓A Cost for DJ / *Koste vir platejoggie* = 8 × R1 000 ✓MCA = R8 000 ✓CA Total cost / *Totale koste* ✓MCA = R18 000 + R750 + R6 185 + R1 250 + R8 000 = R34 185 ✓CA	 1A calculating hours 1MCA multiply by R1 000 1CA simplification 1MCA adding all values 1CA simplification (5)	F L3 M
* 4.1.4	He charges a flat/fixed rate, which is not economical if the party ends early. / *Hy vra 'n vaste tarief wat nie ekonomies is indien die partytjie vroeg eindig nie* **OR/*OF*** ✓✓O He has a bad reputation / *Hy het 'n slegte reputasie.*	 2O correct reason (2)	F L4 E
4.2.1	Probability / *Waarskynlikheid* $= \frac{4}{16}$ ✓A ✓A = 0,25 ✓CA	 1A numerator 1A denominator 1CA simplification (3)	P L2 D
* 4.2.2	90 150 160 180 200 215 230 350 400 ✓A Median / *Mediaan* = 200 ✓✓A	 1A arranging 2A median **AO** (3)	D L2 M

Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
4.2.3	Range 2022 / *Omvang 2022* ✓RT = 360 – 70 ✓MCA = 290 ✓CA Range 2023 / *Omvang 2023* = 400 – 90 = 310 ✓A His statement is NOT VALID / *Sy bewering is NIE GELDIG NIE.* ✓O	 1RT both correct values 1MCA concept of range 1CA simplification 1A range 1O conclusion (5)	D L4 M
		[31]	

QUESTION/*VRAAG* 5 [31 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
5.1.1	Deficit / *Tekort* ✓✓A	2A correct word (2)	F L1 M
5.1.2	✓RT GST/*AVB* % = 100% – (15% + 15% + 4% + 7% + 6% + 2% + 34%) ✓MA = 100% – 83% = 17% ✓CA	1RT ALL correct values 1MA adding and subtracting 1CA simplification **AO** (3)	D L1 E
5.1.3	Defence / *Verdediging* ✓RT ✓MA = 8% × 45,03 lakh crore = 3,6024 lakh crore ✓CA	1RT correct percentage 1MA multiply by 45,03 1CA simplification **NPR** **AO** (3)	D L2 M
* 5.1.4	Corporation tax / *Korporatiewe belasting* ✓RT Income tax / *Inkomstebelasting* ✓RT Customs / *Doeane* ✓RT **OR/*OF*** Corporation tax / *Korporatiewe belasting* ✓RT GST / *AVB* ✓RT Non Debt Capital Receipts / *Nie-skuldkapitaal ontvangstes* ✓RT **OR/*OF*** Income tax / *Inkomstebelasting* ✓RT GST / *AVB* ✓RT Non Debt Capital Receipts / *Nie-skuld kapitaal ontvangstes* ✓RT	**CA from 5.1.2 for GST** 1RT correct source 1RT correct source 1RT correct source adding to 34% **OR/*OF*** 1RT correct source 1RT correct source 1RT correct source adding to 34% **OR/*OF*** 1RT correct source 1RT correct source 1RT correct source adding to 34% (3)	D L2 E

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 5.1.5	Interest payments / *Rentebetalings* ✓RT = 20% × 45,03 lakh crore = 9,006 lakh crore ✓A Unrounded / *Nie afgerond* = 9,006 × 100 × 100 000 = 90 060 000 rupees ✓C Rounded / *Afgerond* ✓R = 9 × 100 × 100 000 = 90 000 000 rupees Difference / *Verskil* = 90 060 000 – 90 000 000 = 60 000 rupees ✓CA His statement is NOT VALID / *Sy bewering is NIE GELDIG NIE.* ✓O **OR/*OF*** Interest payments / *Rentebetalings* ✓RT = 20% × 45,03 lakh crore = 9,006 lakh crore ✓A Difference / *Verskil* ✓R 9,006 – 9,000 = 0,006 lakh crore ✓CA Amount in rupees = 0,006 × 100 × 100 000 = 60 000 ✓C His statement is NOT VALID / *Sy bewering is NIE GELDIG NIE.* ✓O	1RT both correct values 1A simplification 1C conversion 1R rounded answer 1CA difference 1O conclusion **OR/*OF*** 1RT both correct values 1A simplification 1R rounded answer 1CA difference 1C conversion 1O conclusion (6)	F L4 D
* 5.2.1	Amount expressed in million/ *Bedrag uitgedruk in miljoen* = R302,4 billion/*miljard* × 1 000 ✓MA = R302 400 million / *miljoen* **OR/*OF*** ✓A R302 400 000 000	1 MA multiplying by 1 000 1A simplification **AO** (2)	F L1 E

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
5.2.2	R302 400 million = R302 400 × 44,479891 lakh ✓MA = 13 450 719,04 lakh ✓CA = 13 450 719,04 ÷ 100 ✓MCA = 134 507,1904 lakh crore ✓CA **OR / *OF*** R302 400 000 000 = $\frac{\text{R302 400 000 000}}{\text{R1 000 000}}$ ✓MA × 4 447 989,1 ✓CA ✓MCA = 1,345071904 ×1 000 000 000 000 ÷ 100 000 ÷ 100 = 134 507,1904 lakh crore ✓CA **OR / *OF*** R1 000 000 = 0,44479891 lakh crore ✓C R302 400 000 000 = $\frac{\text{302 400 000 000} \times 0,44479891}{\text{1 000 000}}$ ✓MA ✓MCA = 134 507,1904 lakh crore ✓CA	**CA from Question 5.2.1** 1MA multiplying by correct exchange rate 1CA simplification 1MCA dividing by 100 1CA simplification **OR / *OF*** 1MA multiplying by correct exchange rate 1CA simplification 1MCA ÷ 100 000 ÷ 100 1CA simplification **OR / *OF*** 1C ÷ 10 000 000 1MA multiplying by correct exchange rate 1MCA ÷ 1 000 000 1CA simplification **NPR** (4)	F L3 D
5.3.1	✓O ✓O As the years increase the inflation rate increases / *Soos die jare toeneem, verhoog die inflasiekoers.* **OR/*OF*** ✓O ✓O The inflation rate increases from 2020 to 2024 / *Die inflasiekoers verhoog vanaf 2020 tot 2024.*	1O years increase 1O rate increases **OR/OF** 1O rate increases 1O years increase (2)	D L4 E

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 5.3.2	Price at the end of 2023 / *Prys aan die einde van 2023* ✓A = 5 000 000 ÷ 1,08 ✓MA = 4 629 629,63 rupees ✓CA 5 000 000 ÷ 108% Price at end of 2022 / *Prys aan die einde van 2022* ✓MCA = 4 629 629,63 rupees ÷ 1,075 ✓MA 4 629 629,63 ÷ 107,5% = 4 306 632,214 rupees ✓CA **OR/*OF*** Price at the end of 2023 / *Prys aan die einde van 2023* ✓A = 5 000 000 × $\frac{100}{108}$ ✓MA = 4 629 629,63 rupees ✓CA Price at end of 2022 / Prys aan die einde van 2022 = 4 629 629,63 × $\frac{100}{107,5}$ ✓MCA ✓MA = 4 306 632,214 rupees ✓CA **OR/*OF*** Price at end of 2022 / *Prys aan die einde van 2022* ✓MA = 5 000 000 × $\frac{100}{108}$ × $\frac{100}{107,5}$ ✓MA ✓CA ✓A ✓MCA = 4 306 632,214 rupees ✓CA	1A 1,08 or 108% 1MA dividing by 1,08 or 108% 1CA simplification 1MCA 1,075 or 107,5% 1MA dividing by 1,075 or 107,5% 1CA simplification **OR/*OF*** 1A $\frac{100}{108}$ 1MA multiplying by $\frac{100}{108}$ 1CA simplification 1MCA $\frac{100}{107,5}$ 1MA multiplying by $\frac{100}{107,5}$ 1CA simplification **OR/*OF*** 1A identifying 1,08 or 108% 1MA multiplying by $\frac{100}{108}$ 1MCA identifying 1,075 or 107,5% 1MA multiplying by $\frac{100}{107,5}$ 2CA simplification **NPU** **NPR** (6)	F L3 D
		[31]	
		TOTAL/*TOTAAL*: 150	