basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE
NASIONALE SENIOR SETIFIKAAT

GRADE/*GRAAD* 12

MATHEMATICAL LITERACY P1/
WISKUNDIGE GELETTERDHEID V1

NOVEMBER 2019

MARKING GUIDELINES/*NASIENRIGLYNE*

MARKS/*PUNTE*: 150

Symbol/*Kode*	Explanation/*Verduideliking*
M	Method/*Metode*
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*
AO	Answer only/*Slegs antwoord*
MCA	Method with consistent accuracy/*Metode met volgehoue akkuraatheid*
RCA	Rounding consistent with accuracy/ *Afronding met volgehoue akkuraatheid*

This marking guideline consists of 18 pages and 2 pages of notes.
Hierdie nasienriglyne bestaan uit 18 bladsye en 2 bladsye notas.

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.
- The general principle of marking is that if a candidate makes one mistake and there is sound mathematics thereafter, the candidate loses one mark.

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) pogin na.*
- *Volgehoue akkuraatheid (CA) word in ALLE aspekte van die nasienriglyne toegepas, dit hou by die tweede berekeningsfout op.*
- *Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.*
- *Die algemene beginsel van merk is as 'n leerder een fout maak verloor die leerder een punt.*

QUESTION/*VRAAG* 1 [30 MARKS/*PUNTE*] AO			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
1.1.1	Numerical data/*Numeriese data* ✓✓A	2A correct identification (2)	D L1
1.1.2	Modal allowance/*Modale toelaag* = R1 780 ✓✓A	2A mode (2)	D L1
1.1.3	R1 715; R1 715; R1 695; R1 695; R1 695; R960; R405 ✓✓A	2A descending order Accept the names (2)	D L1
1.1.4	Increase in rand/*Verhoging in rand* ✓RT R1 780 – R1 695 = R85,00 ✓A	1RT correct 2 values 1A simplification (2)	F L1
1.1.5	Pension allowances older than 75 ✓A *Staatsouderdomstoelae ouer as* 75 War veteran allowances/*Oorlogsveteranetoelae/Toelaes vir oorlogsveterane* ✓A	1A correct allowance 1A correct allowance (2)	D L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
1.2.1	1 kg = 1 000 g ? = 400 g ∴ Quantity/ *massa* in kg = $\frac{400\,g}{1000}$ ✓MA = 0,4 kg ✓A **OR/*OF*** 400 g = $\frac{400}{1\,000}$ kg ✓MA = 0,4 kg ✓A **OR/*OF*** 400 g = 400 × 0,001kg ✓MA = 0,4 kg ✓A	1MA dividing by 1 000 1A amount in kg **OR/*OF*** 1MA dividing by 1 000 1A amount in kg **OR/*OF*** 1MA multiply by 0,001 1A amount in kg **NPU** (2)	M L1
1.2.2	Profit/*Wins* = R14,30 – R10,99 ✓RT ✓M = R3,31 ✓CA	1RT correct values 1M subtracting values 1CA simplification (3)	F L1
1.2.3	Number of packets/*Getal pakkies* 2,5 kg × $\frac{1000}{250}$ ✓MA ✓M = 10 packets/*pakkies* ✓CA **OR/*OF*** $\frac{2,5\,kg}{0,25\,kg}$ ✓C ✓M = 10 packets ✓CA **OR/*OF*** 250g : 2,5kg ✓MA 250g : 2500g ✓C 1: 10 = 10 packets ✓CA	 1MA multiply by 1 000 1M dividing by 250g 1CA simplification **OR/*OF*** 1C converting into kg 1M dividing by 0,25 kg 1CA simplification **OR/*OF*** 1MA ratio concept 1C conversion to same unit 1CA simplification (3)	M L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
1.2.4	Selling price/*Verkoopsprys* $\frac{R29,20}{8}$ ✓MA =R3,65 ✓CA **OR/*OF*** $\frac{2\,kg}{8} = 0,25kg$ ∴ 2kg = R29,20 0,25 kg = $\frac{0,25 \times R29,20}{2}$ ✓MA = R3,65 ✓CA	 1MA dividing correct value by 8 1CA simplification (only if dividing by 8 or correct value used) **OR/*OF*** 1MA dividing by 2 AND multiply by 0,25 1CA simplification (2)	F L1
1.3.1 (a)	69 **OR/*OF*** 69% ✓✓A	2A correct value (2)	D L1
1.3.1 (b)	80 **OR/*OF*** 80% ✓✓A	2A correct value (2)	D L1
1.3.2	Difference/*Verskil* ✓RT 84% – 64% = 20% ✓CA	 1RT both correct values 1CA simplification (2)	D L1
1.4.1	16:00 **OR/*OF*** four o'clock in the afternoon/*vier uur in die middag* **OR/*OF*** 4 pm/*nm* ✓✓A	2A correct value (2)	D L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
1.4.2	Probability/*Waarskynlikheid* = 20% **OR/*OF*** 0,2 **OR/*OF*** $\frac{20}{100}$ **OR/*OF*** $\frac{2}{10}$ **OR/*OF*** $\frac{1}{5}$ **OR/*OF*** unlikely/*onwaarskynlik* **OR/*OF*** less likely/*minder waarskynlik* ✓✓A	2A correct value/words (2)	P L1
		[30]	

QUESTION/*VRAAG* 2 [42 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
2.1.1	Market value/*Markwaarde* = R944 630,00 Nine hundred and forty four thousand six hundred and thirty rand. ✓✓A *Negehonderd vier en veertig duisend ses honderd en dertig rand.*	2A correct value in words **NPU** (2)	F L1
2.1.2	Amount of VAT/*Bedrag vir BTW* R836,02 × $\frac{15}{100}$ ✓MA = R125,40 ✓CA **OR/*OF*** R836,02 × 1,15 ✓MA = R961,42 R961,42 – R836,02 = R125,40 ✓CA	1MA correct value × $\frac{15}{100}$ 1CA simplification **OR/*OF*** 1MA correct value × 1,15 1CA simplification (2)	F L1
2.1.3	Litres/*liter* **OR/*OF*** ℓ ✓✓A	2A correct unit Accept dm^3 (2)	F L1
2.1.4	Monthly sewer charge/*Maandelikse rioolverwyderingskoste* **A** = R378,95 ✓✓A	2A correct charge (2)	F L1
2.1.5	Total water charge/*Totale water koste* ✓MA ✓RT **B** = (6 × R8,28) + (4 × R8,79) + (2 × R15,00) = R49,68 + R35,16 + R30,00 ✓M = R114,84 ✓CA	1MA identify 6, 4, 2 1RT identify R8,28; R8,79; R15,00 1M adding (at least 2 correct values) 1CA simplification (4)	F L2
2.2.1	Inverse proportion/Omgekeerde eweredigheid ✓✓A **OR/*OF*** Indirect proportion /*Indirekte eweredigheid*	2A type of proportion (2)	F L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.2.2	6 ✓✓A	2A correct number (2)	F L1
2.2.3	Amount per person/*Bedrag per persoon* ✓RT $= \frac{R3\,000,00}{7}$ ✓MA = R428,57 ✓CA	1RT correct cost (R3 000) 1MA dividing by 7 1CA simplification (3)	F L1
2.2.4 (a)	$\frac{R17\,000,00}{R500,00}$ ✓MA = 34 months/*maande* ✓CA	1MA dividing by R500,00 1CA simplification **AO** (2)	F L1
2.2.4 (b)	Interest rate/*Rentekoers* = 8,30% ✓✓A	2A correct interest rate (2)	F L1
2.2.4 (c)	Interest for 1 year/*Rente vir 1 jaar* = R17 000,00 × $\frac{8,30}{100}$ ✓M Interest for 3 years/*Rente vir 3 jaar* = R1 411,00 × 3 = R4 233,00 ✓CA = R4 200,00 ✓R **OR/*OF*** Interest earned for 3 years /*Rente verdien vir 3 jaar* R17 000,00 × $\frac{8,30}{100}$ × 3 ✓M = R4 233,00 ✓CA = R4 200,00 ✓R	**CA from Question 2.2.4 (b)** 1M interest calculation 1CA simplification 1R rounding **OR/*OF*** 1M interest calculation 1CA simplification 1R rounding (3)	F L2
2.2.4 (d)	Percentage point difference/*Persentasiepunte verskil* 8,46% − 7,76% ✓RT = 0,7% ✓CA	1RT correct values 1CA simplification **AO** (2)	F L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.2.4 (e)	✓RT 18 months/*maande* ✓A ✓A = 1 year and 6 months/*1 jaar en 6 maande*	1RT reading from table 1A number of years 1A number of months **AO** (3)	F L1
2.3.1	✓RT R242 700 million/*miljoen* ✓A **OR/*OF*** ✓RT R242 700 000 000 ✓A	1RT correct value (2 427) 1A number in millions **NPU** (2)	F L1
2.3.2	Total income received/*Totale inkomste ontvang*: 1 370 + 242,7 + 180,3 + 31,5 ✓MA **A** = 1 824,5 ✓CA	1MA adding ALL correct values 1CA simplification **NPU** (wrote billions or rands) **AO** (2)	F L1
2.3.3	Other/*Ander* ✓RT 1 823,72 – (278,4+262,4+222,6+211,0 +209,2+208,5+ 202,2 +112,7) ✓M **B** = 1 823,72 – 1 707 ✓MA = 116,72 ✓CA	1RT reading correct values 1M adding all the values 1MA subtracting from total 1CA value of B **NPU** (4)	F L2
2.3.4	Community development/*Gemeenskapsontwikkeling* ✓RT $= \frac{R208,5}{R1\,823,72} \times 100\%$ ✓M = 11,43267607% ✓CA ***ACCEPT ONLY FOR AFRIKAANS CANDIDATES:*** Social development/*Maatskaplikesontwikkeling* ✓RT $= \frac{R278,4}{R1\,823,72} \times 100\%$ ✓M = 15,26550128% ✓CA	1RT both correct values 1M percentage calculation 1CA simplification 1RT both correct values 1M percentage calculation 1CA simplification **NPR** (3)	F L2
		[42]	

QUESTION/*VRAAG* 3 [26 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
3.1.1	Volume = It is the amount of solids or liquids an object can take/hold. *Volume = Is die hoeveelheid vaste of vloeistowwe 'n voorwerp kan vat.* ✓✓A **OR/*OF*** Volume is the amount of space occupied by an object *Volume is die hoeveelheid spasie opgeneem deur die voorwerp.*	2A explanation (2)	M L1
3.1.2	Volume = side × side × height/*sy* × *sy* × *hoogte* ✓C = 0,5 m × 0,5 m × 0,08 m ✓SF = 0,02 m^3 ✓CA **OR/*OF*** $\frac{20\,000\,cm^3}{1000\,000}$ ✓SF 50 cm × 50 cm × 8 cm = 0,02 m^3 ✓C ✓CA	1SF correct substitution 1C conversion 1CA simplification **OR/*OF*** 1 SF correct substitution 1C conversion 1CA simplification (3)	M L2
3.2.1	Area of one block = length × breadth = 50 cm × 50 cm ✓SF = 2 500 cm^2 Area of 12 blocks = 0,25 m^2 × 12 ✓MA = 3 m^2 ✓CA **OR/*OF*** Area of one block = length × breadth = 0,5 m × 0,5 m ✓SF = 0,25 m^2 Area of 12 blocks = 0,25 m^2 × 12 ✓MA = 3 m^2 ✓CA **OR/*OF***	**CA from Question 3.1.2** 1SF substituting correct values 1MA multiply by 12 1CA answer in m^2 **OR/*OF*** 1SF substituting correct values 1MA multiply by 12 1CA answer in m^2 **OR/*OF***	M L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
	Area of 12 blocks = 12 × (side × side) *Area van 12 blokke* = 12 × (0,5 m × 0,5 m) ✓SF = 12 × 0,25 m^2 ✓MA = 3 m^2 ✓CA **OR/*OF*** Area of 12 blocks = 12 × (side × side) *Area van 12 blokke* = 12 × (50 cm × 50 cm) ✓SF = 12 × 2 500 cm^2 ✓MA = 3 m^2 ✓CA	1SF substituting correct values 1MA multiply by 12 1CA answer in m^2 **OR/*OF*** 1SF substituting correct values 1MA multiply by 12 1CA answer in m^2 (3)	
3.2.2	Area of walkway ✓SF 4,05 m × 1,45 m = 5,8725 m^2 ✓A Area to be covered with pebbles = 5,8725 m^2 – 3 m^2 ✓MCA = 2,8725 m^2 ✓CA **OR/*OF*** Area to be covered with pebbles ✓SF (4,05 m × 1,45 m) – 3 m^2 ✓A = 5,8725 m^2 – 3 m^2 ✓MCA = 2,8725 m^2 ✓CA **OR/*OF*** Area of walkway ✓SF 405 cm × 145 cm = 58 725 cm^2 ✓A Area to be covered with pebbles = 58 725 cm^2 – 30 000 cm^2 ✓MCA = 28 725 cm^2 ✓CA **OR/*OF***	**CA from Question 3.2.1** 1SF substitution 1A simplification 1MCA subtracting area of blocks 1CA simplification **OR/*OF*** 1SF substitution 1A simplification 1MCA subtracting area of blocks 1CA simplification **OR/*OF*** 1SF substitution 1A simplification 1MCA subtracting area of blocks 1CA simplification **OR/*OF***	M L3

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
3.2.2	Area to be covered with pebbles ✓SF (405 cm × 145 cm) – 30 000 cm^2 ✓A = 58 725 cm^2 – 30 000 cm^2 ✓MCA = 28 725 cm^2 ✓CA	1SF substitution 1A simplification 1MCA subtracting area of blocks 1CA simplification **NPR** (4)	
3.2.3	$\frac{5{,}7\ \text{m}^2}{0{,}36\ \text{m}^2}$ ✓MA = 15,833 ✓CA = 16 bags of pebbles/*sakkies klippies* ✓RCA	1MA dividing by 0,36 m^2 1CA simplification 1RCA rounding (3)	M L2
3.3.1	Length of large window frame/*Lengte van die groot vensterraam* $\frac{890\,\text{mm}}{10}$ ✓MA = 89 cm ✓CA	1MA dividing by 10 1CA simplification **AO** (2)	M L1
3.3.2	Perimeter/*Omtrek* ✓MA = 18,5 cm + 18,5 cm + 18,5 cm + 18,5 cm = 74 cm ✓CA **OR/*OF*** Perimeter/*Omtrek* = 4 × 18,5 cm ✓MA = 74 cm ✓CA ***AFRIKAANS ONLY OMIT SUB QUESTION 3.3.2 – UPSCALE FROM 24 TO 26***	1MA adding 4 sides 1CA simplification **OR/*OF*** 1MA side multiplied by four 1CA simplification (2)	M L1
3.3.3	Diameter/*Deursnee* = 1,85 cm × 2 = 3,7 cm ✓A $\frac{18{,}5\,\text{cm}}{3{,}7\,\text{cm}}$ ✓M = 5 beads ✓CA	1A diameter 1M dividing by diameter 1CA simplification (3)	M L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
3.3.4	✓MA $2 \times 18{,}5 \text{ cm} = \frac{3}{4}$ of the width of the large window/*van die wydte van die grooter venster* ✓A $37 \text{ cm} = \frac{3}{4}$ of the width of the large window/*van die wydte van die grooter venster* Width of large window/*breedte van groot venster* $=37 \text{ cm} \times \frac{4}{3}$ ✓MA $= 49{,}33 \text{ cm}$ ✓CA	1MA multiply 18,5 by 2 1A simplification 1MA multiply with inverse 1CA simplification **NPR** (4)	M L2
		[26]	

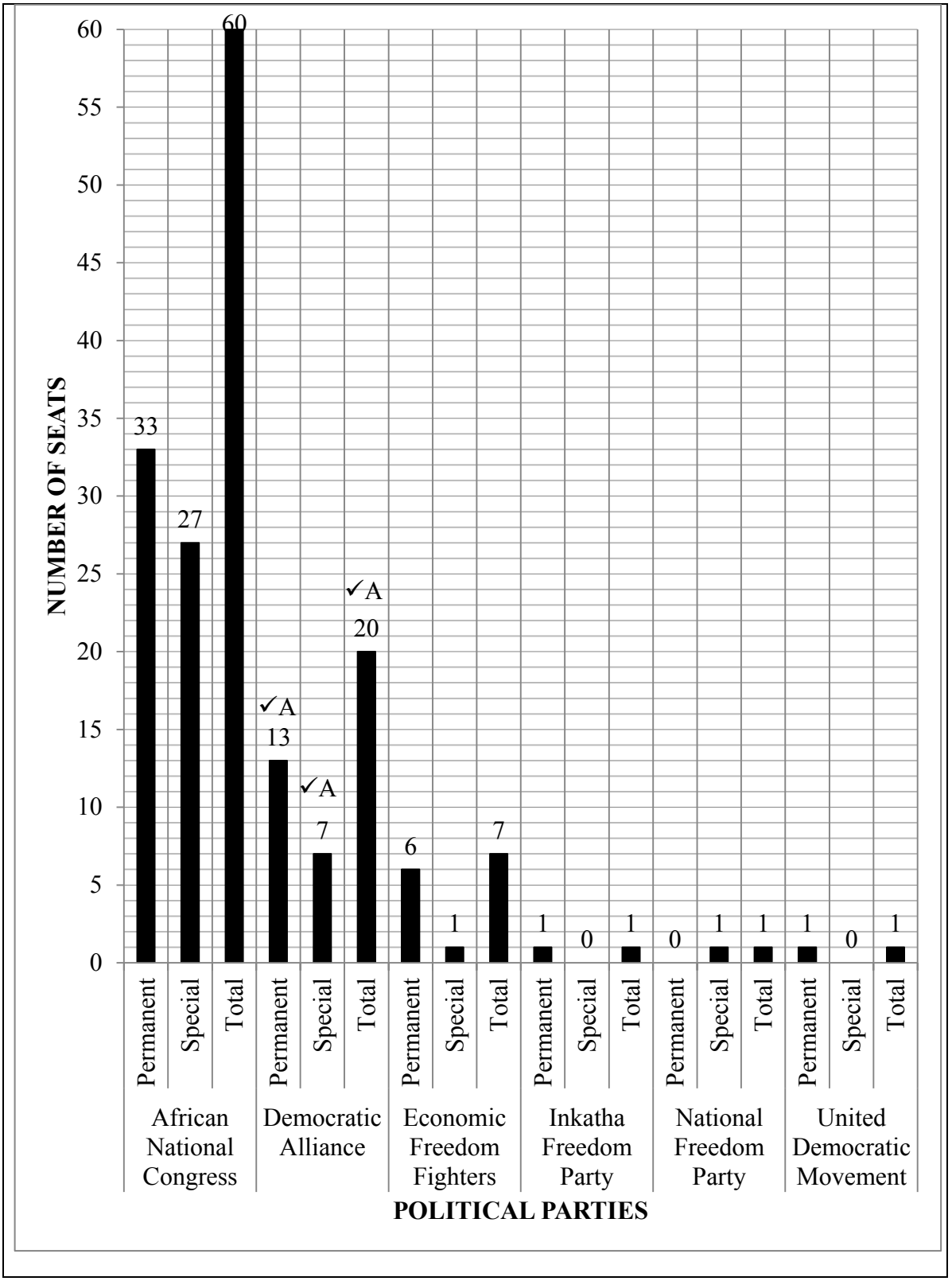
QUESTION/*VRAAG* 4 [24 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
4.1.1	Camping, swimming, dining(eating) and checking-in (enquiries/registration/making payments). *Kampeer, swem en eet en inboek (navrae/registrasie/betalings maak).* ✓✓✓✓ A	4A 4 correct activities (4)	MP L1
4.1.2	Umngeni ✓✓ RT	2RT reading from map (2)	MP L1
4.1.3	5 restaurants / *restaurante* ✓✓ RT	2RT reading from map (2)	MP L1
4.1.4	Bar Scale/Staafskaal ✓✓A	2A correct scale Accept: Line scale/*Lynskaal/ Balkskaal* (2)	MP L1
4.1.5	✓A 4,2 cm = 4 km 1 cm = 0,9524 km ✓M ✓MA ∴10 cm = 9,524 km ≈ 10 km ✓CA **OR/*OF*** $\frac{10\text{ cm}}{4{,}2\text{ cm}} \times 4\text{ km}$ ✓M ✓MA ✓A = 9,524 km ≈ 10 km ✓CA **OR/*OF*** ✓A 2,1 cm = 2 km 1 cm = 0,9524 km ✓M ✓MA ∴10 cm = 9,524 km ≈ 10 km ✓CA **OR/*OF***	1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion **OR/*OF*** 1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion **OR/*OF*** 1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion **OR/*OF***	MP L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
4.1.5	$\frac{10\text{ cm}}{2{,}1\text{ cm}} \times 2\text{ km}$ ✓M ✓MA ✓A = 9,524 km ≈ 10 km ✓CA	1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion Accept 4,1 cm – 4,3 cm Accept 2 cm – 2,1 cm (4)	
4.1.6	Total distance/*Totale afstand* = 10 km × 2 = 20 km ✓MA Time/*tyd* = $\frac{20\text{ km}}{30\text{ km/h}}$ ✓SF Time/*tyd* = 0,6666666667 hours ✓C × 60 = 40 minutes/*minute* ✓CA **OR/*OF*** Time/*tyd* = $\frac{10\text{ km}}{30\text{ km/h}}$ ✓SF = 0,3333 ∴ In minutes/*minute* = 0,3333 ✓C × 60 = 20 minutes/*minute* ✓MA ∴ Total time/*Totale tyd* = 20 ×2 = 40 minutes/*minute* ✓CA	 1MA total distance (20 km) 1SF correct substitution 1C conversion 1CA simplification **OR/*OF*** 1SF correct substitution 1C conversion 1MA simplification 1CA simplification (4)	MP L2
4.2.1	2 ✓✓A	2A number of doors Accept 3 (2)	MP L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
4.2.2	✓RT ✓RT Bedroom 1, Bathroom and Bedroom 2 / *Slaapkamer 1, Badkamer en Slaapkamer 2* **OR/*OF*** ***ONLY AFRIKAANS CANDIDATES:*** ✓RT ✓RT *Slaapkamer 1, Kombuis*	1RT first room 1RT other 2 rooms **OR/*OF*** 1RT bedroom 1 1RT kitchen (2)	MP L2
4.2.3	$\frac{0}{2}$ **OR/*OF*** 0 **OR/*OF*** 0% ✓✓A **OR/*OF*** Impossible/*Onmoontlik*	2A probability (2)	P L2
		[24]	

QUESTION/*VRAAG* 5 [28 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
5.1.1	Questionnaires **OR** Interviews **OR** Survey **OR** Document analysis **OR** Research **OR** Observation *Vraelys **OF** Onderhoud **OF** Meningspeiling (opname) **OF** Dokument analise **OF** Navorsing **OF** Observeer* ✓✓A	2A means of collecting data (2)	D L1
5.1.2	**% Yard trimmings/*Werfsnoeisels*** ✓MA = 100% − (3,4% + 11,2% + 49,7% + 3,3% +9,0%) = 100% − 76,6%✓M = 23,4% ✓CA	1MA adding all correct values 1M subtracting from 100% 1CA simplification **AO** (3)	D L2
5.1.3	**% Textiles/*Tekstiele*** = 11,2% − (1,6% + 2,3% + 2,9% + 1,7%) = 11,2% − 8,5%✓MA = 2,7% ✓CA	1MA subtracting from 11,2% 1CA simplification **AO** (2)	D L2
5.1.4	Tons of plastic/*Ton plastiek* ✓RT $91\,160\,000 \times \frac{3,4}{100}$ ✓MA = 3 099 440 tons/*ton* ✓CA **OR/*OF*** ✓RT $91,16 \times \frac{3,4}{100}$ ✓MA = 3,09944 million tons/*ton* ✓CA	1RT correct total 1MA multiply by 3,4% 1CA simplification **OR/*OF*** 1RT correct total 1MA multiply by 3,4% 1CA simplification **NPR** (3)	D L2
5.1.5	Cans, pieces of a motor vehicles, household appliances; scrap metal **OR** any other product that includes metal / *Blikke, dele van 'n motorfiets, afvalmetaal **OF** enige ander produk wat metaal bevat.* ✓✓A	2A metal products that are recyclable (2)	D L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
5.1.6	Stacked bar graph **OR** Compound bar graph **OR** Bar graph *Saamgestelde staaf grafiek **OF** Stapel/balk grafiek **OF** Staaf grafiek* ✓✓A	2A type of graph (2)	D L1
5.1.7	Probability/*Waarskynlikheid* Other/*Ander* = 11,2% ✓RT ✓MA 1,7% + 1,6% + 2,3% + 2,9% = 8,5% $\frac{8,5}{11,2}$ ✓M = 0,7589285 ✓CA **OR/*OF*** ✓A ✓RT $1 - \frac{2,7}{11,2}$ ✓MA = 0,7589285 ✓CA	1RT correct values 1MA adding all values 1M dividing 1CA simplification **OR/*OF*** **CA from Question 5.1.3** 1RT correct values 1A for the number one 1MA subtracting 1CA simplification **NPR** (4)	P L2
5.2.1	10 ✓✓A	2A correct number (2)	D L1
5.2.2	Number of seats/*setels* ✓A 33 : 27 ✓M = 11 : 9 ✓CA	1A correct values 1M ratio in correct order 1CA simplified ratio Accept unit ratio or fractional form (3)	D L1
5.2.3	National Freedom Party / NFP *Nasionale Vryheidsparty/NVP/NFP* ✓✓RT	2RT reading from table (2)	D L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
5.2.4			D L2
	3A bars correctly drawn		(3)
			[28]
			TOTAL/*TOTAAL*: 150