



# basic education

Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

## NATIONAL SENIOR CERTIFICATE

GRADE 12

MATHEMATICAL LITERACY P1

NOVEMBER 2017

MARKING GUIDELINE

MARKS: 150

SYMBOL	EXPLANATION
M	Method
MA	Method with accuracy
CA	Consistent accuracy
A	Accuracy
C	Conversion
S	Simplification
RT/RG	Reading from a table/graph/diagram
SF	Correct substitution in a formula
O	Opinion/Example/Definition/Explanation
P	Penalty, e.g. for no units/incorrect rounding off, etc.
R	Rounding off
NPR	No penalty rounding or omitting units
AO	Answer only, if correct, full marks

**This marking guideline consists of 16 pages.**

<b>Question 1 [30 MARKS]</b>			
<b>Ques</b>	<b>Solution</b>	<b>Explanation</b>	<b>Topic/L</b>
1.1.1	D ✓✓RT	2RT correct letter (2)	F L1
1.1.2	G ✓✓ RT	2 RT correct letter (2)	D L1
1.1.3	C ✓✓ RT	2 RT correct letter (2)	M L1
1.2.1	Profit = R18 700 – R 14 960 ✓ M = R 3 740 ✓ A	1M subtracting correct values 1A calculating profit <b>AO</b> (2)	F L1
1.2.2	$\overbrace{10:15 + 5h50}^{\check{M}} = 16:05$ 16:05 ✓ A <b>OR</b> 4:05 pm <b>OR</b> 5 past 4 in the afternoon	1M adding 1A correct time of sale <b>AO</b> (2)	M L1
1.2.3 (a)	Radius = 32,8 mm ÷ 2 ✓MA = 16,4 mm ✓CA	1MA dividing diameter by 2 1CA radius <b>AO</b> (2)	M L1
1.2.3 (b)	Distance = (71,8 mm – 32,8 mm) ÷ 2 ✓MA = 19,5 mm ✓CA <b>OR</b> 71,8 mm ÷ 2 = 35,9 mm Distance = 35,9 mm – 16,4 mm ✓MA = 19,4 mm ✓CA	1MA subtracting and dividing 1CA distance <b>OR</b> 1MA subtracting and dividing 1CA distance <b>AO</b> (2)	M L1

Ques	Solution	Explanation	Topic/L
1.3.1	Cost of diluted juice per litre  = R 44,95 ÷ 14 ℓ ✓MA = R 3, 210714286 ≈ R 3,21 ✓CA	1MA dividing  1CA cost per litre NPR <b>AO</b>	M L1
		(2)	
1.3.2	2 ℓ : 12 ℓ ✓A  1 : 6 ✓CA	1A correct volume of water and order 1CA simplification Accept $\frac{1}{6}$ <b>AO</b>	M L1
		(2)	
1.3.3	Number of glasses of juice = $\frac{14}{0,175}$ ✓MA  = 80 ✓CA	1MA dividing the correct values  1CA simplification to a whole number <b>AO</b>	M L1
		(2)	
1.4.1	✓RT ✓MA 35 39 39 60 63 84 93 107 117 120 126 142	1RT all values 1MA ascending order	D L1
		(2)	
1.4.2	July <b>OR</b> 7 <sup>th</sup> month ✓✓A	2A correct month	D L1
		(2)	
1.4.3	9 ✓✓A	2A correct mode	D L1
		(2)	
1.4.4	April <b>OR</b> 4 <sup>th</sup> month ✓✓A	2A correct month	D L1
		(2)	
1.4.5	✓A May and July ✓A <b>OR</b> 5 <sup>th</sup> month and 7 <sup>th</sup> month	1A May 1A July	D L1
		(2)	
		<b>[30]</b>	

<b>QUESTION 2 [46 MARKS]</b>			
<b>Ques</b>	<b>Solution</b>	<b>Explanation</b>	<b>Topic/L</b>
2.1.1	R465,00 ✓✓RT	2RT correct bus fare (2)	F L1
2.1.2	Queenstown and King William's Town ✓RT ✓RT	2RT correct cities (2)	F L1
2.1.3 (a)	Port Elizabeth to Bloemfontein = R435,00 ✓RT Cost = R755,00 – R435,00 = R320,00 ✓CA	1RT R435  1CA cost <b>Accept</b> trial and error method <b>AO</b> (2)	F L1
2.1.3 (b)	King William's Town ✓✓RT	<b>CA from Q2.1.3(a)</b> 2RT correct city (2)	F L2
2.1.4	Cost excluding VAT = R365,00 × $\frac{100}{114}$ ✓M = R320,175... ≈ R320,18 ✓CA  <b>OR</b> Cost excluding VAT = $\frac{R365}{1,14}$ ✓M ≈ R320,18 ✓CA  <b>OR</b> 114 : 365 = 100 : x    x = price excl. VAT ✓M  $x = R365,00 \times \frac{100}{114}$ ✓M = R320,175... ≈ R320,18 ✓CA  <b>OR</b> VAT = R365 × $\frac{14}{114}$ ✓M = R44,82 Cost excluding VAT = R365 – R44,82 ≈ R320,18 ✓M ✓CA	1M × 100 1M ÷ 114  1CA simplification  <b>OR</b>  1M dividing 1MA 1,14 1CA simplification  <b>OR</b>  1M proportion  1M x as subject of formula 1CA simplification  <b>OR</b>  1M multiplying with ratio  1M subtracting VAT 1CA simplification <b>NPR</b> <b>AO</b> (3)	F L2

Ques	Solution	Explanation	Topic/L
2.1.5	<p>From Queenstown to Bloemfontein return trip</p> $\begin{aligned} & \checkmark\text{RT} \\ & = R410 \times 2 \\ & = R820 \quad \checkmark\text{CA} \end{aligned}$ <p>Total travelling cost</p> $\begin{aligned} & = 12 \times R820 \quad \checkmark\text{M} \\ & = R9\ 840 \quad \checkmark\text{CA} \end{aligned}$ <p style="text-align: center;"><b>OR</b></p> <p>Number of trips = <math>2 \times 12 \quad \checkmark\text{M}</math></p> $= 24 \quad \checkmark\text{CA}$ <p>Total travelling cost = <math>24 \times R410 \quad \checkmark\text{RT}</math></p> $= R9\ 840 \quad \checkmark\text{CA}$ <p style="text-align: center;"><b>OR</b></p> <p>One way cost for a year</p> $\begin{aligned} & \checkmark\text{RT} \\ & = R410 \times 12 \quad \checkmark\text{M} \\ & = R4\ 920 \end{aligned}$ <p>Total traveling cost</p> $\begin{aligned} & = R4\ 920 \times 2 \quad \checkmark\text{M} \\ & = R9\ 840 \quad \checkmark\text{CA} \end{aligned}$ <p style="text-align: center;"><b>OR</b></p> <p>Traveling cost = <math>R410 \times 2 \times 12 \quad \checkmark\text{M}</math></p> $= R9\ 840 \quad \checkmark\text{CA}$	<p>1RT correct fare</p> <p>1CA for calculating the return trip</p> <p>1M multiplying by 12</p> <p>1CA total cost</p> <p><b>OR</b></p> <p>1M multiplying by 12</p> <p>1CA total trips</p> <p>1RT correct fare</p> <p>1CA total cost</p> <p><b>OR</b></p> <p>1RT correct fare</p> <p>1M multiplying with 12</p> <p>1M multiplying with 2</p> <p>1CA total cost</p> <p style="text-align: center;"><b>OR</b></p> <p>1RT correct fare</p> <p>1M multiplying with 2</p> <p>1M multiplying with 12</p> <p>1CA cost</p> <p><b>AO</b></p> <p style="text-align: right;">(4)</p>	F L2

Ques	Solution	Explanation	Topic/L
2.2.1	$\checkmark$ RT July 2013 <b>OR</b> 07/2013 <b>OR</b> 07/13 $\checkmark$ RT	1RT month 1RT year (2)	F L1
2.2.2	Water and Sewerage $\checkmark$ RT Refuse Removal $\checkmark$ RT	1RT water and/or sewerage 1RT refuse Penalty for including property rates (2)	F L1
2.2.3	November = 3 days, December = 20 days $\checkmark$ M end date 2016/12/20 <b>OR</b> 20 December 2016 $\checkmark$ A	1M adding 1A end date 20 Dec <b>Accept</b> 19 Dec <b>AO</b> (2)	F L1
2.2.4	Daily average consumption $\checkmark$ RT $= 12,00 \text{ k}\ell \div 23 \text{ days}$ $\checkmark$ M $\approx 0,522 \text{ k}\ell$  <b>OR</b> Verifying the consumption rate per day: $\checkmark$ RT $= 12,00 \text{ k}\ell \div 0,522 \text{ k}\ell/\text{day}$ $\checkmark$ M $\approx 23 \text{ days}$  <b>OR</b> $0,522 \text{ k}\ell/\text{day} \times 23 \text{ days}$ $\checkmark$ M $\approx 12,00\text{k}\ell$ $\checkmark$ A	1RT correct value 1M dividing in correct order  <b>OR</b> 1RT correct value 1M dividing in correct order  <b>OR</b> 1M multiplying 1A volume (2)	F L1
2.2.5	Water $\checkmark$ R  The amount of water consumption is not the same every month. $\checkmark\checkmark$ O	1R variable expense  2O explanation clearly showing change (3)	F L1

Ques	Solution	Explanation	Topic/L
2.2.6 (a)	$A = R690\,000 \times R0,0069160 \div 12$ $= R397,67 \checkmark CA$	1RT all values from bill  1CA simplification Note value for B can be used to calculate A <b>AO</b>  (2)	F L1
2.2.6 (b)	$B = R397,67 - R115,27 \checkmark M$ $= R282,40 \checkmark CA$ <p style="text-align: center;"><b>OR</b></p> $B = R880,10 - R167,58 - R430,12 \checkmark M$ $= R282,40 \checkmark CA$	1M subtracting correct values 1CA simplification  <p style="text-align: center;"><b>OR</b></p> 1M subtracting correct values 1CA simplification <b>AO</b>  (2)	F L1
2.2.7	$\text{Sewerage rate per m}^2 = \frac{R298,36}{463} \checkmark RT$ $= R0,6444060475 \checkmark A$ <p style="text-align: center;"><b>OR</b></p> $463\text{m}^2 : R\,298,36 \checkmark RT$ $1\text{m}^2 : R0,6444\dots \checkmark A$	1RT correct values  1A simplification  <p style="text-align: center;"><b>OR</b></p> 1RT Correct values  1A simplification <b>NPR</b> <b>AO</b>  (2)	F L1
2.2.8	$R919,33 \checkmark \checkmark RT$	2RT unpaid amount  (2)	F L1
2.2.9	$\text{Rounding up} \checkmark \checkmark A$ <p style="text-align: center;"><b>OR</b></p> $\text{Rounding (off) to the nearest } R10,00 \checkmark \checkmark A$ <p style="text-align: center;"><b>OR</b></p> $\text{Rounding (off) to the nearest } R100,00 \checkmark \checkmark A$	2A Rounding up <b>OR</b> 1A rounding 1A nearest 10 rand <b>OR</b> 1A rounding 1A nearest 100 rand  (2)	F L1
2.3.1	$\text{Commission} = 1,95\% \times \text{£}360,00 \checkmark MA$ $= \text{£}7,02 \checkmark A$	1MA calculating % 1A commission in pound <b>AO</b>  (2)	F L1

Ques	Solution	Explanation	Topic/L
2.3.2	$\text{£}360,00 = \frac{360}{0,05773} \checkmark M/A$ $= \text{R}6\,235,9258.. \checkmark A$ $\approx \text{R}6\,235,93 \text{ or } \text{R}6\,235 \text{ or } \text{R}6\,236 \checkmark CA$ <p style="text-align: center;"><b>OR</b></p> $\text{£}1 = \frac{\text{R}1,00}{0,05773}$ $= \text{R}17,32201628 \checkmark MA$ $\text{£}360 = \text{R}17,32201628 \times 360$ $= \text{R}62\,35,925862 \checkmark A$ $\approx \text{R}6\,235,93 \checkmark CA$ <p style="text-align: center;"><b>OR</b></p> $\text{R}1,00 = \text{£}0,05773$ $x = \text{£}360,00$ $x = \text{R} \frac{1 \times 360}{0,05773} \checkmark A$ $= \text{R}6\,235,93 \checkmark CA$	1MA conversion  1A simplification  1CA rounding  <p style="text-align: center;"><b>OR</b></p> 1MA conversion  1A simplification  1CA rounding  <p style="text-align: center;"><b>OR</b></p> 1A multiplying with 360 1MA conversion  1CA rounding <b>NPR</b> <b>AO</b>	F L2
2.3.3	$\text{Interest after 1 year} = \text{R}5\,000 \times 6,3\%$ $= \text{R}315 \checkmark M$ $\text{Amount after year 1} = \text{R}5\,000 + \text{R}315$ $= \text{R}5\,315,00 \checkmark A$ $\text{Interest for full 2}^{\text{nd}} \text{ year} = \text{R}5\,315 \times 6,3\%$ $\approx \text{R}334,845 \checkmark CA$ $\therefore \text{Interest for } \frac{1}{2} \text{ year} = \text{R}334,845 \div 2$ $= \text{R}167,42 \checkmark M$ $\text{Value of the fixed deposit} = \text{R}5\,315 + \text{R}167,42$ $= \text{R}5\,482,42 \checkmark CA$ <p style="text-align: center;"><b>OR</b></p>	1M calculate interest for first year  1A simplification  1CA 2 <sup>nd</sup> year amount  1M half year interest  1CA simplification  <p style="text-align: center;"><b>OR</b></p>	F L2



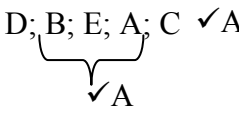
Ques	Solution	Explanation	Topic/L
	<p>Interest after 1 year = R5 000 × 6,3% = R315 ✓M</p> <p>Amount after year 1 = R5 000 + R315 = R5 315,00 ✓A</p> <p>Second year interest rate = <math>\frac{6,3\%}{2}</math> ✓M</p> <p>= 3,15% ✓CA</p> <p>Interest for <math>\frac{1}{2}</math> year = R5 315 × 3,15% ≈ R167,42</p> <p>Value of the fixed deposit = R5 315 + R167,42 = R5 482,42 ✓CA</p> <p style="text-align: center;"><b>OR</b></p> <p>Amount after year 1 = R5 000 (1 + 0,063) ✓M = R5 315,00 ✓A</p> <p>Value of fixed deposit after 1 <math>\frac{1}{2}</math> years ✓CA = R5 315 <math>\left(1 + \frac{0,063}{2}\right)</math> ✓M ≈ R5 482,42 ✓CA</p>	<p>1M calculate interest for first year</p> <p>1A simplification</p> <p>1M 2<sup>nd</sup> year rate</p> <p>1CA half year interest</p> <p>1CA simplification</p> <p><b>OR</b></p> <p>1M calculate amount for first year 1A simplification</p> <p>1CA 2<sup>nd</sup> year amount</p> <p>1M half year</p> <p>1CA simplification (5)</p>	
		<b>[46]</b>	

<b>QUESTION 3 [21 MARKS]</b>			
<b>Ques</b>	<b>Solution</b>	<b>Explanation</b>	<b>Topic/L</b>
3.1.1	Number of tables = $240 \div 8 = 30$ ✓A Number of balloons = $4 \times 30 = 120$ ✓CA	1A correct number of tables 1CA minimum number of balloons <b>AO</b> (2)	M L1
3.1.2	Length of decorative ribbon in cm $= 2 \times (\text{length} + \text{width}) + 1$ $= 2 \times (10 + 6) + 1 = 33$ ✓✓SF ✓A	2SF substituting correct values into the formula 1A minimum length <b>AO</b> (3)	M L2
3.1.3	Volume = $\pi \times (\text{radius})^2 \times \text{height}$ $= 3,142 \times (6 \text{ cm})^2 \times 28 \text{ cm}$ ✓A ✓SF $= 3\ 167,136 \text{ cm}^3$ ✓CA	1A radius 1SF correct height and 3,142 1CA simplification <b>NPR</b> (3)	M L2
3.1.4	Volume = $1\ 680 \text{ cm}^3 \times 45\% = 756 \text{ cm}^3$ ✓A Mass of sand = $756 \text{ cm}^3 \times 1,53 \text{ g/cm}^3$ ✓M $= 1\ 156,68 \text{ g} \div 1\ 000$ ✓CA $\approx 1,16 \text{ kg}$ ✓C <b>OR</b> $1,53 \text{ g/cm}^3 = 0,00153 \text{ kg/cm}^3$ ✓C Volume = $1\ 680 \text{ cm}^3 \times 45\% = 756 \text{ cm}^3$ ✓A Mass of the sand = $0,00153 \text{ kg/cm}^3 \times 756 \text{ cm}^3$ ✓M $= 1,15668 \text{ kg} \approx 1,16 \text{ kg}$ ✓CA <b>OR</b>	1A calculating 45% 1M multiply by rate 1CA mass in grams 1C converting to kg to 2 decimal places <b>OR</b> 1C converting to kg 1A calculating 45% 1M multiplying with the rate 1 CA mass in kg to 2 dec. places <b>OR</b>	M L2

Ques	Solution	Explanation	Topic/L
	Mass of sand in a full vase $= 1\,680\text{ cm}^3 \times 1,53\text{g/cm}^3 \quad \checkmark\text{M}$ $= 2\,570,4\text{ g} \quad \checkmark\text{A}$ $= 2,5704\text{ kg} \quad \checkmark\text{C}$ Mass of sand if filled to 45% $= 2,5704\text{ kg} \times 45\%$ $= 1,16\text{ kg} \quad \checkmark\text{CA}$	1M multiplying with the rate 1A mass 1C conversion 1CA mass of sand to two decimal places (4)	
3.2.1	$\text{Area of triangle} = \frac{1}{2} \times 4\text{ cm} \times 3,464\text{ cm} \quad \checkmark\text{A} \quad \checkmark\text{RT}$ $= 6,928\text{ cm}^2 \quad \checkmark\text{CA}$	1A substituting correct values in formula 1RT height 1CA simplification <b>NPR</b> <b>AO</b> (3)	M L2
3.2.2	Total surface Area of a triangular prism $= 2 \times 6,928 + 3 \times 6\text{ cm} \times 4\text{cm} \quad \checkmark\text{CA} \quad \checkmark\text{SF}$ $= 13,856\text{ cm}^2 + 72\text{ cm}^2 \quad \checkmark\text{CA}$ $= 85,856\text{ cm}^2 \quad \checkmark\text{CA}$	<b>CA from Q3.2.1</b> 1CA substituting area of triangle 1SF substituting correct values in formula 1CA simplification 1CA total surface area (4)	M L3
3.2.3	$30\text{ minutes} = 1\,800\text{ seconds} \quad \checkmark\text{C}$ $\text{Average time to cover 1 box} = \frac{1\,800}{20}\text{ seconds}$ $= 90\text{ seconds} \quad \checkmark\text{CA}$ <p style="text-align: center;"><b>OR</b></p> $\text{Average time to cover 1 box} = \frac{30\text{ min}}{20} = 1,5\text{ min} \quad \checkmark\text{M}$ $= 1,5\text{ min} \times 60\text{ sec/min} = 90\text{ seconds} \quad \checkmark\text{C}$	1 C conversion to seconds 1CA simplification <p style="text-align: center;"><b>OR</b></p> 1M time per box 1C conversion <b>AO</b> (2)	M L1
		<b>[21]</b>	

**QUESTION 4 [27 MARKS]****NOTE :MPU & NC maximum [23 MARKS] to be scaled to 27 MARKS**

<b>Ques</b>	<b>Solution</b>	<b>Explanation</b>	<b>Topic/L</b>
4.1.1	✓✓A Bar scale <b>OR</b> Scaled bar <b>OR</b> Linear scale <b>OR</b> Graphical scale	2A identifying type of scale  (2)	M&P L1
4.1.2	Top view <b>OR</b> Aerial view <b>OR</b> Bird's eye view ✓✓A <b>OR</b> Satelite view	2A correct view of the map  (2)	M&P L1
4.1.3	South East ✓✓A <b>OR</b> SE <b>OR</b> East of South	2A identifying correct direction  (2)	M&P L1
4.1.4	5 ✓✓A	2A exact number of medical points <b>Accept 4</b>  (2)	M&P L2
4.1.5	Mowbray ✓A and Observatory ✓A	2A identifying correct suburbs <b>Accept Maitland and Saltriver</b>  (2)	M&P L1
4.1.6	Castle De Goede Hoop, Old Biscuit Mill, Planetarium ✓A <b>OR</b> 4, 5 and 6 ✓A ✓A	3A identifying correct tourist attractions  (3)	M&P L2

Ques	Solution	Explanation	Topic/L
4.2.1	D; B; E; A; C ✓A 	<b>NOTE:</b> [MPU & NC not to be marked]	M&P L2
		1A order BEA 1A end with C (2)	
4.2.2	E OR B ✓✓A	<b>NOTE:</b> [MPU & NC not to be marked]	M&P L1
		2A correct letter (2)	
4.2.3 (a)	0 % OR Impossible OR 0 OR $\frac{0}{130}$ OR None ✓✓A	2A probability (2)	P L2
4.2.3 (b)	Total blocks = 20 + 25 + 28 + 30 + 27 = 130 ✓A Probability of taking out a blue block  $= \frac{25}{130} \checkmark A$  OR $\frac{5}{26}$ OR 19,23% OR 0,19	1A total 130  1A numerator 1A denominator  <b>AO</b> (3)	P L2
4.2.4 (a)	Number of layers = $35 \text{ cm} \div 16$ , = 2,12... $\approx 2$ ✓CA	1MA dividing correct values 1CA exact number of layers <b>AO</b> (2)	M&P L1
4.2.4 (b)	Number of cans which can be packed lengthwise = 56 cm $\div$ 12,6 cm ✓MA = 4,444... $\approx 4$  Number of cans which can be packed width-wise = 41 cm $\div$ 12,6 cm = 3,253... $\approx 3$ ✓A  Maximum number of cans = $4 \times 3 \times 2 = 24$ ✓CA	1MA dividing the width or length by 2,6  1A rounding both down to whole numbers  1CA for max number of cans <b>AO</b> (3)	M&P L3
		[27]	

<b>QUESTION 5 [26 MARKS]</b>			
<b>Ques</b>	<b>Solution</b>	<b>Explanation</b>	<b>T/L</b>
5.1.1	Broken line graph <b>OR</b> line graph ✓✓A	2A correct type of graph (2)	D L1
5.1.2	Number of candidates = 287 453 + 389 615 = 677 068 ✓CA	1M adding Math and Math Lit  1CA max number of candidates <b>AO</b> (2)	D L2
5.1.3	100% <b>OR</b> 1 <b>OR</b> certain <b>OR</b> definite ✓✓A	2A correct probability (2)	P L2
5.1.4	Accounting, Business Studies, Economics and Mathematical Literacy ✓RT ✓RT ✓RT	1RT 1 <sup>st</sup> subject 1RT 2 <sup>nd</sup> subject 1RT last two subjects (3)	D L1
5.1.5	Mathematics ✓✓RT	2RT correct subject (2)	D L1
5.1.6	The data of one variable is grouped into subjects <b>OR</b> The data of one variable is not numerical ✓✓A	2A explanation (2)	D L1
5.1.7	Business Studies ✓✓RT	2RT correct subject (2)	D L1

Ques	Solution	Explanation	T/L
5.2.1	Copyright payments, advertising costs, bursary, grants etc. ✓✓O (OR any other valid expenditure)	2O an example of other type of expenditure (2)	D L1
5.2.2	Donations ✓M $= [R63 - (R27,09 + R21,02 + R3,78)]$ billion $= R11,11$ billion ✓CA Percentage donations $= \frac{11,11}{63} \times 100\%$ $\approx 17,6\%$ ✓CA <b>OR</b> $R27,09 + 21,02 + 3,78$ $= R51,89$ billion Percentage income shown $= \frac{R51,89}{R63} \times 100\%$ $\approx 82,4\%$ ✓M Percentage donations $= 100\% - 82,4\%$ ✓M $= 17,6\%$ ✓CA <b>OR</b> Percentage $= \frac{R27,09}{R63} \times 100\% = 43\%$ ✓M $\frac{R21,02}{R63} \times 100\% \approx 33,365\%$ $\frac{R3,78}{R63} \times 100\% = 6\%$ Percentage donations $= 100\% - (43\% + 33,4\% + 6\%)$ ✓M $= 17,6\%$ ✓CA	1M subtracting from R63 billion 1CA simplification in billions 1CA donations as a % <b>OR</b> 1M percentage income shown 1M subtracting from 100% 1CA simplification <b>OR</b> 1M percentage calculation 1M subtracting from 100% 1CA simplification <b>NPR</b> <b>AO</b> (3)	D L2

Ques	Solution	Explanation	T/L
5.2.3	$\begin{aligned} \text{Interest in Rand} &= 54\,100\,000\,000 \times 0,7\% \quad \checkmark\text{RT} \\ &= 378\,700\,000 \quad \checkmark\text{CA} \quad \text{OR} \quad 378,7 \text{ million} \\ \\ \text{OR} \\ \text{Interest in rand} &= 54,1 \text{ billion} \times 0,7\% \quad \checkmark\text{RT} \\ &= 0,3787 \text{ billion} \quad \checkmark\text{CA} \\ &= 378\,700\,000 \quad \text{OR} \quad 378,7 \text{ million} \end{aligned}$	<p>1RT correct amount 1M multiplying with 0,7% 1CA interest amount</p> <p><b>OR</b></p> <p>1RT correct amount 1M multiplying with 0,7% 1CA interest amount</p> <p><b>AO</b></p> <p>(3)</p>	F L1
5.2.4	$\begin{aligned} \text{Difference} &= \text{income} - \text{expenditure} \\ &= R63 \text{ billion} - R54,1 \text{ billion} \quad \checkmark\text{M} \\ &= R8,9 \text{ billion} \quad \checkmark\text{CA} \\ &= R8\,900 \text{ million} \quad \checkmark\text{C} \quad \text{OR} \quad R8\,900\,000\,000 \\ \\ \text{OR} \\ \text{Difference} &= \text{income} - \text{expenditure} \\ &= R63\,000 \text{ million} - R54\,100 \text{ million} \quad \checkmark\text{M} \quad \checkmark\text{C} \\ &= R8\,900 \text{ million} \quad \checkmark\text{CA} \quad \text{OR} \quad R8\,900\,000\,000 \end{aligned}$	<p>1M subtracting</p> <p>1CA simplification in billions</p> <p>1C for difference in millions</p> <p><b>OR</b></p> <p>1M subtracting 1C converting to millions</p> <p>1CA difference in millions</p> <p>(3)</p>	D L2
		[26]	
		<b>TOTAL: 150</b>	