



# education

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North West Department of Education  
**NORTH WEST PROVINCE**

**GRADE 12**

**MATHEMATICAL LITERACY P1/  
WISKUNDIGE GELETTERDHEID V1**

**SEPTEMBER 2021**

**MARKING GUIDELINES/NASIENRIGLYNE**

**MARKS/PUNTE: 150**

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

This marking guideline consists of 12 pages/Hierdie nasienriglyne bestaan uit 12 bladye.

**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. NO CA MARK AFTER A BREAKDOWN.
- If the candidate presents any extra solution when reading from a graph, table , layout plan and map, then penalize 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 die 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 by die tweede berekeningsfout op. GEEN CA PUNT NA FOUTIEWE BEWERKING.
- 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.

<b>QUESTION/VRAAG 1 [30 MARKS/PUNTE] AO</b>			
<b>Q/V</b>	<b>Solution/Oplossing</b>	<b>Explanation/Verduideliking</b>	<b>T&amp;L</b>
1.1.1	✓MA $A = 5 \times 9 = R45$ ✓A	1MA divide by 9 1A answer (2)	F L1 (2)
1.1.2	✓MA $B = 12 \div 0,50 = R24$ ✓A	1MA dividing by 0.50 1A answer (2)	F L1 (2)
1.1.3	$C = 5 + 1 + 0,50 + 0,25 + 8$ ✓MA $= R14,75$ ✓A	1MA adding correct values 1A answer (2)	F L1 (2)
1.1.4	✓M      ✓M $R35,00 \times 580$ $R20\ 300$ ✓CA	1M correct value 1M multiply by 580 1CA Simplification (3)	F L1 (3)

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
1.1.5	<p>R20 300 × 15% = R3 045 ✓MA  R20 300 – R3 045 ✓MCA  = R17 255 ✓CA</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>100% – 15% = 85% ✓MA  R20 300 × 85% ✓MCA  = R17 255 ✓CA</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>R35 × 15% = R5,25  R 5,25 × 580 = R3 045 ✓MA  R20 300 – R3 045 ✓MCA  = R17 255 ✓CA</p>	<p>1MA multiply by 15%  1MCA subtracting R3 045  1CA answer</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>MA subtracting 15%  1MCA multiply by 85%  1CA answer</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>1MA multiply R35 by 15% by 580  1MCA subtracting R3 045  1CA answer</p>	F L1     (3)
1.1.6	<p>580 ÷ 9 = 64,44 ✓MA  ≈ 65 meters of material ✓CA</p>	<p>1MA dividing by 9  1CA answer rounded up</p>	F L1  (2)
1.1.7	<p>✓MCA  R14,75 × 580 = R8 555  R17 255 – R8 555 ✓MCA  = R8 700 ✓CA</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>Profit (one mask) = Income – Expenses  = R35 – (35 × 15%) – R14,75  = R29,75 – R14,75 ✓MCA  = R15  For 580 = R15 × 580 ✓MCA  = R8 700 ✓CA</p>	<p>(CA from 1.1.3 and 1.1.5)  1MCA unit price multiply with 580  1MCA subtract R8 555  1CA answer</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>1MCA Income subtract expenses  1MCA unit price multiply by 580  1CA answer</p>	F L1    (3)
1.2.1	9053; 6493; 5737; 1075; 258; 220; 198; 150; 89 ✓✓A	1A correct values 1A descending order	D L1  (2)
1.2.2	Western Cape/Wes Kaap ✓✓A	2A answer	D L1  (2)
1.2.3	✓RT 22 580 – 584 ✓M = 21 996 ✓A	1RT correct values 1M subtracting values 1A answer	D L1  (3)
1.2.4	Total deaths/Aantal sterfjes A = 66 + 140 + 444 + 35 + 2 + 2 + 2 + 6 + 0 ✓MA = 697 ✓A	1MA adding correct values 1A answer	D L1  (2)

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
1.2.5	Percentage recoveries/ <i>Persentasie herstel</i> $B = \frac{9\,053}{23\,273} \times 100\% \checkmark MA$ $= 38,9\% \checkmark A$  <b>OR/OF</b>  $B = 100 - (24,65 + 27,9 + 4,62 + 1,11 + 0,64 + 0,95 + 0,85 + 0,38) \checkmark M$ $= 100 - 61,10$ $= 38,9\% \checkmark A$	1MA correct values divided and multiplied by 100% 1A answer  <b>OR/OF</b>  1M subtracting percentages from 100  1A answer (2)	D L1
1.2.6	3 383 ✓✓A	2A answer (2)	D L1
		[30]	

**QUESTION/VRAAG 2 [44 MARKS/PUNTE]**

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
2.1.1	Yen ✓✓A	2A answer (2)	F L1
2.1.2	Two hundred and ninety-two million three hundred and eighteen thousand four hundred and sixty rand/ <i>Twee honderd twee en negentig miljoen drie honderd en agtien duisend en vier honderd en sestig rand</i> ✓✓A	2A answer (2)	F L1
2.1.3	To have a more accurate value, especially when it is a large amount of money/ <i>Om 'n meer akkurate waarde te bereken veral as dit 'n groot bedrag is</i> ✓✓A	2A answer (2)	F L1
2.1.4	Amount to be spent on ventilators/ <i>Bedrag nodig om op ventilators te spandeer</i> ✓M $R292\,318\,460 \times \frac{4}{7} \checkmark MA$ $= R167\,039\,120 \checkmark CA$	1M correct values 1MA multiplying with $\frac{4}{7}$ 1CA answer (3)	F L2
2.2.1	USA: $10\,000\$ \times \checkmark MA$ $= R177\,645,90 \checkmark A$ Italy: $8\,583,59\text{€} \times 20,87989 \checkmark MA$ $= R179\,224,42 \checkmark A$ Japan: $1\,065\,847,24\text{¥} \times 0,16719 \checkmark MA$ $= R178\,199 \checkmark A \checkmark O$ The statement is NOT correct, it cost less in the USA/ <i>Dit is NIE korrek, dit kos minder in USA</i> ✓R	1MA multiply by 17,76459 1A answer 1MA multiply by 20,87989 1A answer 1MA multiply by 0,16719 1A answer  1O NOT correct 1R reason less in USA (8)	F L4

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
2.2.2	<p>New price in 2023/<i>Nuwe prys in 2023</i>  <math>8583,59 \text{ €} \times 109,63\% \checkmark M</math>  <math>= 9\ 410,189\ 717 \checkmark A</math></p> <p><math>9\ 410,189\ 717 \times 109,63\% \checkmark M</math>  <math>= 10\ 316,390\ 99 \text{ €}</math>  <math>\approx 10\ 316,39 \text{ €} \checkmark A</math></p> <p style="text-align: center;"><b>OR/OF</b></p> <p><math>8583,59 \text{ €} \times 9,63\% \checkmark M</math>  <math>= 826,599\ 717</math>  <math>826,599\ 717 + 8583,59 \text{ €} \checkmark MA</math>  <math>= 9\ 410,189\ 717</math></p> <p><math>9\ 410,189\ 717 \times 9,63\% \checkmark M</math>  <math>= 906,201\ 269\ 7</math>  <math>906,201\ 269\ 7 + 9\ 410,189\ 717</math>  <math>\approx 10\ 316,39 \text{ €} \checkmark A</math></p>	<p>1M multiplying by 109,63%  1A simplification</p> <p>1M multiplying new value by 109,63%</p> <p>1A answer rounded to 2 decimals</p> <p>1M multiplying by 9,63%</p> <p>1MA adding to principal amount</p> <p>1M multiplying new value by 9,63%</p> <p>1A answer rounded to 2 decimals</p>	F L2          (4)
2.3.1	<p style="text-align: center;"><b>✓MA</b></p> <p><math>R1\ 202\ 050 + R1\ 203\ 708 + R1\ 198\ 236 \checkmark RT</math>  <math>= R3\ 603\ 994 \checkmark CA</math></p>	<p>1RT correct values  1MA adding the correct values  1CA answer</p>	F L1  (3)
2.3.2	<p style="text-align: center;"><b>✓MA</b></p> <p><math>R16\ 580 \div 10 = R1\ 658 \checkmark A</math>  <math>R1\ 658 \times 736 \checkmark MA</math></p>	<p>1MA divided by 10  1A answer  1MA multiplying by 736</p>	F L2  (3)
2.3.3	<p>Percentage difference/<i>Persentasie verskil</i>  <b>✓RT</b></p> $= \frac{R11\ 507\ 508 - R11\ 943\ 582}{R11\ 943\ 582} \times 100\% \checkmark MA$ $= -3,65\% \checkmark A$	<p>1RT correct values  1MA multiplying by 100</p> <p>1A negative answer</p>	F L2  (3)
2.3.4	<p><math>R1\ 658 \times 7\ 275 \checkmark MCA</math>  <math>= R12\ 061\ 950 \checkmark S</math>  <math>R12\ 061\ 950 - R11\ 507\ 508 \checkmark MA</math>  <math>= R554\ 442 \checkmark A</math></p>	<p><b>CA from Q 2.3.2</b>  1MCA multiplying correct values  1S simplification  1MA subtracting correct value from R12 061 950  1A answer</p>	F L2  (4)

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
2.3.5	<p>Predicted amount/<i>Voorspelde bedrag</i>  <math>R1\ 658 \times 721</math>  <math>= R1\ 195\ 418 \checkmark A</math></p> <p>Percentage received/<i>Persentasie ontvang</i>  <math>\checkmark MA</math>  <math>\frac{1\ 061\ 531}{1\ 195\ 418} \times 100\% \checkmark MA</math>  <math>= 88,79998\% \approx 88,8\% \checkmark A</math></p> <p>Percentage less received/<i>Persentasie minder ontvang</i>  <math>100\% - 88,8\% = 11,2\% \checkmark A</math>  <math>\checkmark CA</math></p> <p>Her prediction was incorrect, they received 11,2% less/<i>Haar voorspelling is verkeerd, hulle ontvang 11,2% minder</i></p>	<p>1A amount predicted</p> <p>1MA dividing actual amount with predicted amount  1MA multiplied by 100%  1A answer</p> <p>1A percentage NOT received  1CA conclusion</p>	F L4 (6)
2.3.6	<p><math>\checkmark \checkmark A</math></p> <p>In 2020 the number of learners <b>decreased</b> due to covid-19 pandemic where many parents lost their jobs or received less income and could not pay school fees and/or some of the learners left school and started home schooling. <math>\checkmark \checkmark R</math></p> <p><math>\checkmark \checkmark A</math></p> <p><i>In 2020 het die getal leerlinge <b>afgeneem</b> agt die covid-19 pandemie waar baie ouers hulle werk veloor het asook leerlinge wat skool verlaat het om huis studie te doen. <math>\checkmark \checkmark R</math></i></p> <p>Any other relevant answer/ <i>Enige ander relevante antwoord</i></p>	<p>2A decreasing in 2020  2A reason</p>	F L4 (4)
			[44]

QUESTION/VRAAG 3 [39 MARKS/PUNTE]			
Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
3.1.1	<p>A value that lies outside most of the other values in a specific set of data/'n Waarde lê buite die meeste waardes in 'n stel data ✓✓A</p> <p>Outlier/Uitskieter ~ 9 ✓✓A</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>An outlier is a number that is at least 2 standard deviations away from the mean/'n Uitskieter is 'n getal wat met ten minste 2 standaard afwykings weg is vanaf die gemiddeld. ✓✓A</p> <p>Outlier/Uitskieter ~ 9 ✓✓A</p>	2A explanation 2A outlier 9	D L2
3.1.2	<p>IQR Term 1 = <math>Q_3 - Q_1</math> ✓M = <math>25 - 18</math> ✓MA = 7 ✓A</p> <p>IQR Term 3 = <math>19 - 5</math> ✓MA = 14 ✓A</p> <p>Term 3 had the largest IQR /Termyn 3 het die grootste IKO ✓J</p>	<p>1M concept of IQR 1MA subtracting correct values 1A answer</p> <p>1MA subtracting correct values 1A answer term 3</p> <p>1A conclusion</p>	D L3
3.1.3	<p>The learners performed much better in term 1 than in term 3/Die leerders het baie beter gevaa in termyn 1 as termyn 3. ✓✓A</p> <p>The range of term 1 is less than term 3 ✓✓A Die omvang van termyn 1 is minder as termyn 3</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>Term 3 has a bigger IQR than term 1 ✓✓A Termyn 3 se IKO is heelwat groter as termyn 1.</p> <p style="text-align: center;"><b>OR/OF</b></p> <p>Term 1's Q1 is 18 which is higher than term 3 which is 5/ Termyn 1 se K1 is 18 wat heelwat hoer is as termyn 3 wat 5 is✓✓A</p>	<p>2A performance dropped</p> <p>2A comparing the measures of central tendency</p>	D L4
3.2.1	35,4 ✓✓A	2A answer	D L1
3.2.2	<p>Mode is the value that appears the most in a data set. ✓✓A</p> <p><i>Modus is die waarde wat die meeste voorkom in 'n data stel.</i></p>	2A answer	D L2
3.2.3	✓A 36,4 and 36,9 ✓A	1A 36,4 1A 36,9 answer	D L2

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
3.2.4	35,4 ; 36 ; 37,5 ; <b>37,5</b> ; 37,7 ; 38 ; 38,3 ✓MA  Median: 37,5✓CA	1MA sort data in order 1A answer  (2)	D L2
3.2.5	A – 36,4 = 2,7 ✓MA A = 36,4 + 2,7 ✓MA A = 39,1 ✓A	1A concept of range 1A adding values 1A answer <b>AO</b>  (3)	D L3
3.2.6	✓MA  Mean = $\frac{37,2+37,5+B+38,9+38,6+B+37,1}{7}$ = 37,87 $\frac{2B+189,3}{7} = 37,87$ 2B + 189,3 = 37,87 × 7 ✓MA 2B + 189,3 = 265,09 2B = 265,09 – 189,3 ✓MA 2B = 75,79 ✓MA B = 37,895 B ≈ 37,9 ✓CA	1MA concept of mean  1MA multiplying with 7 both sides 1MA subtracting 189,3 1MA dividing by 2 1CA answer to 1 decimal  (5)	D L3
3.2.7	The learner is absent from the school/ <i>Die leerling is afwesig van die skool</i> ✓✓A  <b>OR/OF</b>  The learner probably is in isolation at home. Last temperature is very high/ <i>Die leerling is heel moontlik in isolasie tuis agt hoe temperatuur.</i> ✓✓A	2A answer  (2)	D L4
3.2.8	$\frac{3}{9} \checkmark A = \frac{1}{3} \checkmark A$	1A fraction 1A simplest form  (2)	P L2
3.2.9	✓A $\frac{4}{7} \times 100 \checkmark A$ = 57,14 ≈ 57 ✓CA	1A correct fraction 1A multiplied by 100  1CA answer correctly rounded  (3)	P L2
3.2.10	The percentage and fraction are easier to visualize compared to decimal/ <i>Die persentasie en breuk is makliker herkenbaar in vergelyking met desimale.</i> ✓✓A	2O opinion that is relevant and true  (2)	P L4
			[39]

**QUESTION/VRAAG 4 [37 MARKS/PUNTE]**

<b>Q/V</b>	<b>Solution/Oplossing</b>	<b>Explanation/Verduideliking</b>	<b>T&amp;L</b>																				
4.1.1	<p style="text-align: center;"><b>COST OF LIVING WITH PERCENTAGES</b></p> <table border="1"> <thead> <tr> <th>Category</th> <th>Percentage (%)</th> </tr> </thead> <tbody> <tr> <td>Transportation</td> <td>16.5% ✓A</td> </tr> <tr> <td>Food</td> <td>14%</td> </tr> <tr> <td>Housing</td> <td>35%</td> </tr> <tr> <td>Dept payments</td> <td>10% ✓A</td> </tr> <tr> <td>Personal &amp; discretionary</td> <td>6% ✓</td> </tr> <tr> <td>Savings</td> <td>6.50% ✓A</td> </tr> <tr> <td>Utilities</td> <td>5% ✓A</td> </tr> <tr> <td>Medical</td> <td>3% ✓A</td> </tr> <tr> <td>Outing</td> <td>4% ✓A</td> </tr> </tbody> </table> <p style="text-align: center;"><b>COST OF LIVING / LEWENSKOSTE</b></p>	Category	Percentage (%)	Transportation	16.5% ✓A	Food	14%	Housing	35%	Dept payments	10% ✓A	Personal & discretionary	6% ✓	Savings	6.50% ✓A	Utilities	5% ✓A	Medical	3% ✓A	Outing	4% ✓A		F L2
Category	Percentage (%)																						
Transportation	16.5% ✓A																						
Food	14%																						
Housing	35%																						
Dept payments	10% ✓A																						
Personal & discretionary	6% ✓																						
Savings	6.50% ✓A																						
Utilities	5% ✓A																						
Medical	3% ✓A																						
Outing	4% ✓A																						
	1A Transport & food / Vervoer en voedsel 1A Housing and Dept payments / Behuising en departementele betalings 1A Personal & Discretionary and Savings / Persoonlik en diskresionêr 1A Utilities, Medical and outing / Nutsdienste, medies en uitstappies 1A Labelling the x-axis / Benoeming van x-as 1A Histogram (no spaces between bars / Geen spasie tussen kolomme) (6)																						
4.1.2	Salary per month/Salaris per maand $\text{Salary}/\text{Salaris} \times 35\% = \text{R}9\ 782,50 \checkmark\text{MA}$ $\text{Salary}/\text{Salaris} = \text{R}9\ 782,50 \div 35\% \checkmark\text{M}$ $\text{Salary}/\text{Salaris} = \text{R}27\ 950 \checkmark\text{A}$	1MA correct equation 1M dividing by 35% 1A answer (3)	F L3																				
4.2.1	Plant management/Aanlegbestuurder ✓A $\text{R}70\ 286 \checkmark\text{A}$	1A answer occupation 1A answer salary (2)	F L1																				
4.2.2	R39 286✓✓A	1A answer (2)	F L1																				
4.2.3	$\checkmark\text{MA}$ $\text{R}79\ 002 - \text{R}54\ 435 \checkmark\text{MA}$ $= \text{R}24\ 567 \checkmark\text{A}$	1MA correct values 1MA subtracting correct values 1A answer (3)	F L1																				

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
4.2.4	R48 875 × 12 ✓MA =R586 764 ✓A Statement not correct/ Bewering nie korrek ✓O	1MA multiplying by 12 1A answer 1O conclusion (3)	F L2
4.3.1	Annual salary/ <i>Jaarlikse salaris</i> R78 264 × 12 ✓MA = R939 168 ✓A	1MA Multiplying correct salary by 12 1A answer (2)	F L1
4.3.2	R708 311 and above ✓✓A	2A answer (Accept 708 311 – 1 500 000) (2)	F L1
4.3.3	South African Revenue Service/ <i>Suid Afrikaanse Inkomste dienste</i> ✓✓A	2A answer (2)	F L1
4.3.4	Medical tax crediet/ <i>Mediese belasting krediet</i> ✓MA $(2 \times R310) + (3 \times R209)$ ✓MA R620 + R627 = R1 247 ✓A $R1 247 \times 12 = R14 964$ ✓A	1MA multiplying 310 by 2 1MA multiplying 209 by 3 1A answer for adding 2 values 1A answer (4)	F L3
4.3.5	Monthly tax payable/ <i>Maandelikse belasting betaalbaar</i> $R78 264 \times 108\% = R84 525,12$ ✓MA $R84 525,12 - R6 339,38$ (7,5% pension) ✓MCA = R78 185,74 $R78 185,74 \times 12$ = R938 228,88 (annual taxable income) ✓MCA  Bracket 6/ <i>Kategorie 6</i> = $207 448 + 41\% (938 228,88 - 708 310)$ ✓MCA = $207 448 + 41\% (229 918,88)$ = $207 448 + 94 266,74$ ✓CA = $301 714,74 - 14 220 - (1 247 \times 12)$ Medical aid ✓MA = $301 714,74 - 14 220 - 14 964$ ✓MCA = $R272 530,74 \div 12$ = R22 710,90 ✓CA	1MA multiplying correct value with 108% 1MCA correct pension value subtracted 1MCA multiplying taxable income with 12  1MCA substitution of taxable income into bracket 6 1CA simplifying  1MA subtracting correct tax rebate 1MCA from 3.3.4 medical aid subtracted 1CA monthly tax deductible (8)	F L3
		[37]	<b>TOTAL: 150</b>

<b>TAXONOMY LEVELS: MATHEMATICAL LITERACY PAPER 1</b>								
<b>September 2021</b>								
<b>QUESTION</b>	<b>Finance</b>	<b>Data Handling</b>	<b>Probability</b>	<b>TL 1</b>	<b>TL 2</b>	<b>TL 3</b>	<b>TL 4</b>	<b>Total</b>
1.1.1	2			2				
1.1.2	2			2				
1.1.3	2			3				
1.1.4	3			2				
1.1.5	3			3				
1.1.6	2			2				
1.1.7	3			3				
1.2.1		2		2				
1.2.2		2		2				
1.2.3		3		3				
1.2.4		2		2				
1.2.5		2		2				
1.2.6		2		2				
<b>TOTAL QUESTION 1</b>	<b>17</b>	<b>13</b>		<b>30</b>				<b>30</b>
2.1.1	2			2				
2.1.2	2				2			
2.1.3	2					2		
2.1.4	3				3			
2.2.1	8						8	
2.2.2	4					4		
2.3.1	3			3				
2.3.2	3				3			
2.3.3	3				3			
2.3.4	4				4			
2.3.5	6						6	
2.3.6	4						4	
<b>TOTAL QUESTION 2</b>	<b>44</b>			<b>5</b>	<b>15</b>	<b>6</b>	<b>18</b>	<b>44</b>

QUESTION	Finance	Data Handling	Probability	TL 1	TL 2	TL 3	TL 4	Total
3.1.1		4			4			
3.1.2		6				6		
3.1.3		4					4	
3.2.1		2			2			
3.2.2		2		2				
3.2.3		2			2			
3.2.4		2			2			
3.2.5		3				3		
3.2.6		5				5		
3.2.7		2					2	
3.2.8			2		2			
3.2.9			3		3			
3.2.10			2				2	
<hr/>								
<b>TOTAL QUESTION 3</b>		<b>32</b>	7	<b>2</b>	<b>10</b>	<b>14</b>	<b>6</b>	<b>39</b>
4.1.1		6			6			
4.1.2		3				3		
4.1.1	2			2				
4.2.2	2			2				
4.2.3	3				3			
4.2.4	3						3	
4.3.1	2			2				
4.3.2	2				2			
4.3.3	2			2				
4.3.4	4				4			
4.3.5	8					8		
<b>TOTAL QUESTION 4</b>	<b>28</b>	<b>9</b>		<b>8</b>	<b>20</b>	<b>11</b>	<b>5</b>	<b>37</b>
<b>TOTAL</b>	89	54	7	45	45	31	29	
%	59.3%	36%	4.7%	30%	30%	20.7%	19.3%	
<b>EXAM GUIDELINE</b>	90	52.5	7.5	45	45	30	30	
%	60%	35%	5%	30%	30%	20%	20%	