KWAZULU-NATAL PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

FINAL

NATIONAL SENIOR CERTIFICATE

GRADE 10

MATHEMATICAL LITERACY P1

MARKING GUIDELINES

JUNE EXAMINATION

2025

Stanmorephysics.com

MARKS: 50

SYMBOL	EXPLANATION
MA	Method with accuracy
MCA	Method with consistent accuracy
CA	Consistent accuracy
A	Accuracy (Answer)
C	Conversion
S	Simplification
RT	Reading from a table/ graph/ diagram
SF	Correct substitution in a formula
O	Opinion/ reason/deduction/example
P	Penalty e.g., for no units, incorrect rounding off, etc.
NPR	No penalty for correct rounding
NPU	No penalty for omitting unit, but wrong unit is penalised
AO	Answer only

This marking guideline consists of 5 pages.

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NOTE:

- If a learner answers a question TWICE, only mark the FIRST attempt.
- If a learner 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 guideline; however, it stops at the second calculation error or breakdown.
- If the learner presents an extra solution when reading from a graph, table, layout plan or map, then penalise for every extra item presented.
- Rounding is an independent mark.
- General principle of making, if the candidate makes one mistake one mark is deducted.
- A conclusion mark can only be given 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.

QUESTION 1 [14] ANSWER ONLY FULL MARKS

Q	Solution	Explanation	T&L
1.1	A = 44,85 ÷ 3✓MA = R14,95✓A	1 MA dividing correct values 1 A correct answer (2)	F L1 E
1.2	B = $\frac{\text{R97,65}}{\text{R13,95}}$ ✓MA = 7 ✓A	1 MA dividing correct values 1 A correct answer (2)	F L1 M
1.3	Value Added Tax ✓✓A	2 A correct answer (2)	F L1 E
1.4	C = R200 - R192,82✓MA = R7,18✓A	1 MA subtracting correct values 1 A correct answer **Accept R7,10** (2)	F L1 E
1.5	D = R97,65+ R44,85 +R25,17✓MA = R167,67 ✓A **OR** ✓MA D = R192,82 ÷ 1,15 = R167,67 ✓A **OR** ✓MA D= R192,82 × $\frac{100}{115}$ = R167,67 ✓A	1 MA adding correct values 1 A correct answer **OR** 1 MA dividing by 1,15 1 A for the answer **OR** 1 MA multiplying by $\frac{100}{115}$ 1 A for the answer (2)	F L1 E

1.6	Discrete✓✓A	2 A correct answer (2)	D L1 E
1.7	P(VAT exempted) = 0 ×100%✓MA 11 = 0%✓A	MA dividing correct values 1A correct answer (2)	P L1 M
			[14]

QUESTION 2 [18 MARKS]

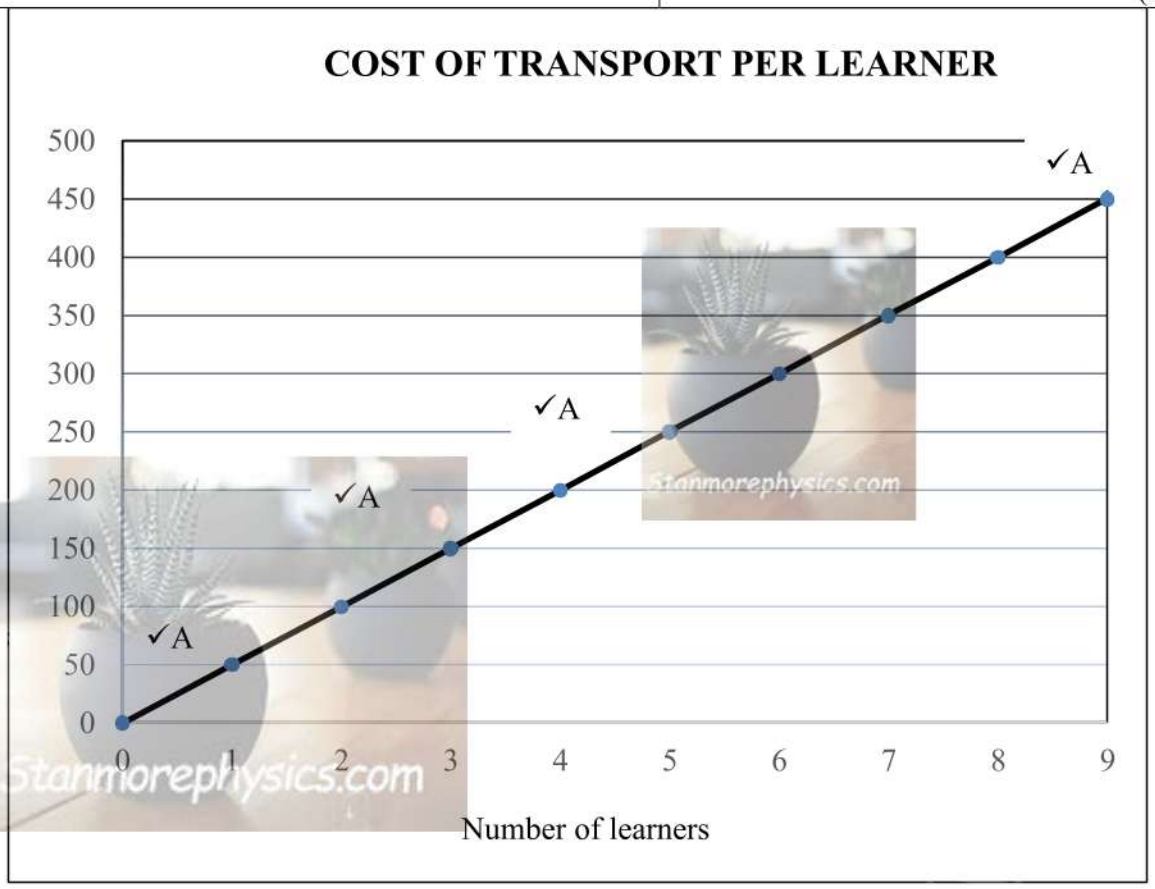
Q	Solution	Explanation	T&L
2.1	Monthly cell phone bill ✓RT = R 100 + R 22 + (5 ×0,75) ✓MA = R122 + R3,75 ✓A = R125,75✓CA	1RT correct values 1MA multiplying 5 by 0,75 1 A for cost of MMS's 1 CA correct answer (4)	F L3 D
2.2	R0,60: R0,75✓MA 4 : 5✓S	1 MA correct values in correct order 1 S Simplification (2)	F L2 E
2.3	✓RT Cost of call = (R1,95 × 5) +(1 × R1,55) ✓MA = R9,75 + R1,55 = R11,30✓CA Bongani's statement is invalid✓O	1 RT for both correct rates 1 MA adding correct values 1 CA correct answer 1 O conclusion (4)	F L4 D
2.4	Duration of the call = R20 ✓MA 0,99 = 20 ,2020202 minutes✓S = 20 minutes + (0, 2020202 × 60) ✓C = 20 minutes and 12,12 seconds✓A	1 MA dividing by R0,99 1 S simplification 1 C conversion 1 A correct answer **Accept** **20 minutes and 12 seconds** (4)	F L3 D
2.5	Do you prefer a contract or prepaid cell phone? ✓✓A Do people in your family prefer contract or prepaid? ✓✓A Can you afford a contract? ✓✓A Any other appropriate question	4 A for any two correct questions (4)	F L3 M
			[18]

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QUESTION 3 [10 MARKS]			
Q	**Solution**	**Explanation**	**T&L**
3.1	62 ✓✓A	2A correct answer (2)	D L2 E
3.2	✓RT Range = 67% - 17%✓MA = 50%	1 RT reading correct values 1 MA concept of range (2)	D L2 E
3.3	Mean percentage $=\frac{45+34+48+47+42+39+22+54+17+17+32+67+25+39+34+64+47+62+62+62}{20}$✓MA $=\frac{859}{20}$✓MA = 42, 95✓CA The statement is invalid✓O	1 MA concept of a mean 1 MA dividing by 20 1 CA correct answer 1 O conclusion (4)	D L4 M
3.4	Numerical data. ✓ ✓ A	2 A for correct answer (2)	D L1 M
			[10]

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QUESTION 4 [8 MARKS]

Q	Solution	Explanation	T&L
4.1.1	The value of P = (6 x 50) ✓MA = 300✓A	1 MA multiplying correct values 1 A correct answer (2)	F L2 E
4.1.2	Median = 250 ✓✓A	2 A median concept (2)	D L2 M
4.1.3	 **CA from 4.1** 1 A start (0;0) 1 A any other point plotted correctly 1 A end point (9;450) 1 A joining the points plotted (4)	F L2 M
		[8]	
		TOTAL MARKS: 50	

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