KWAZULU-NATAL PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

FINAL

NATIONAL SENIOR CERTIFICATE

GRADE 10

MATHEMATICAL LITERACY

SEPTEMBER 2025

MARKING GUIDELINE

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MARKS: 75

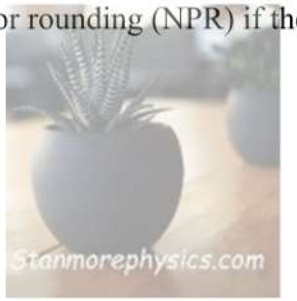
SYMBOL	EXPLANATION
MA	Method with accuracy
MCA	Method with consistent accuracy
CA	Consistent accuracy
A	Accuracy (Answer)
C	Conversion
S	Simplification
RT	Reading from a table/ graph/ diagram
SF	Correct substitution in a formula
O	Opinion/ reason/deduction/example/explanation.
P	Penalty e.g., for no 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 8 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 guidelines; however, it stops at the second calculation error.
- If the learner presents extra solution when reading from the graph, table, layout plan and 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.



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QUESTION 1 [16] ANSWER ONLY FULL MARKS			
Q	**Solution**	**Explanation**	**T&L**
1.1	Value Added Tax✓✓A	2A answer (2)	F L1 E
1.2	R60✓✓A	2A answer (2)	F L1 E
1.3	Area✓✓A	2A answer (2)	M L1 E
1.4	A = R120 +R120+ R4,50 ✓MA = R244,50✓A	1MA adding correct values 1A answer **Accept R248,50** (2)	F L1 E
1.5	Number scale✓✓A **OR** Ratio✓✓A **OR** Numerical✓✓A	2A answer (2)	MP L1 M
1.6	Number of packets = $\frac{9}{3}$ ✓MA = 3✓A	1MA dividing correct values 1A answer (2)	MP L1 M
1.7	P(plastic) = ✓A $\frac{1}{3}$ ✓A	1 A correct numerator 1 A correct denominator **Accept 100%** (2)	P L1 M
1.8	Six hundred and twenty rands.✓✓A	2A answer (2)	B L1 E
			[16]

QUESTION 2[19 MARKS]			
Q	**Solution**	**Explanation**	**T&L**
2.1	Total amount = R210 x 2✓MA = R420✓A	1MA multiplying correct values 1A answer (2)	F L2 E
2.2	24-hour format✓✓A	2A answer (2)	M L1 M

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2.3	Soccer match/Sporting events✓✓A **OR** Political activity/Mass funeral/Community events✓✓A **OR** Music/Cultural festival ✓✓A Accept any other valid event.	2A answer (2)	F L1 M
2.4	✓RT =50:70 ✓MA = 5:7✓CA	1RT correct values 1MA correct order 1CA answer (3)	F L2 M
2.5	Entering time = 08:30 + 17 min✓MA = 08:47✓A = 08:47+20 min ✓MA = 09:07✓CA = 9:07 am✓A	 1MA adding correct driving time 1A answer 1MA adding correct waiting time 1CA answer 1A correct time format (5)	F L3 M
2.6	Cost of Moses Mabhida Stadium = 2 × (R50+R70) = R240✓A Cost of uShaka Marine World = 2 × (R210) = R420✓A Cost of Umgeni Steam Train = 2 × (R260) = R520✓A Total Cost = R240 + R420 + R520✓MCA = R 1 180 Mr Dladla's statement is correct ✓O **OR** ✓MA ✓MA =R50 + R70 + R210 + R260 ✓CA =R590 x 2 ✓MCA =R1 180 Mr Dladla's statement is correct ✓O	 1A answer 1A answer 1A answer 1MCA adding correct values 1O opinion 1 MA for adding two correct values 1 MA for adding two correct values 1 CA for correct answer 1 MCA for multiplying by 2 1O opinion (5)	F L4 M
			[19]

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QUESTION 3 [20 MARKS]			
Q	**Solution**	**Explanation**	**T&L**
3.1	25✓✓A	2A answer (2)	MP L1 E
3.2	North East ✓✓A **OR** NE✓✓A	2A answer (2)	MP L2 E
3.3	P(television) = Impossible ✓✓A	2 A answer **Accept zero** (2)	P L2 E
3.4	The statement is correct ✓A The wall is on the east side, where the sun rises in the morning. ✓✓O	1A answer 2O correct reason (3)	MP L4 M
3.5	To encourage learners to work in groups.✓✓O **OR** To assist the teacher to manage the class.✓✓O **OR** Sharing of resources.✓✓O	4O Any two correct reasons (4)	MP L4 M
3.6	Measured distance =11cm✓A Actual distance = 11cm x 250 ✓MA = $\frac{2\ 750cm}{100}$ ✓C = 27,5m✓CA **OR** Measured distance =110 mm✓A Actual distance =110 x 250 ✓MA = $\frac{27\ 500mm}{1000}$ ✓C = 27,5m✓CA	1 A correct measurement of northern side 1MA multiplying with a correct scale 1C converting 1CA simplification 1 A correct measurement of northern side 1MA multiplying with a correct scale 1C converting 1CA simplification **Leeway of 1mm** (4)	M L3 M

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3.7	Bookrack/Storage A. ✓A To store her books.✓✓O **OR** To get a book(s) .✓✓O	1A answer 2O correct reason (3)	M L2 M
			[20]

QUESTION 4[20 MARKS]			
Q	**Solution**	**Explanation**	**T&L**
4.1	It's the percentage rate of interest earned on the amount invested by Mr Gamede.✓✓A **OR** It is the interest earned on the amount invested by Gamede expressed as a percentage.✓✓A	2A Correct definition (2)	F L1 D
4.2	Total Amount ✓MA $= R\ 5\ 000 + (R\ 5\ 000 \times \frac{6}{100} \times 3)$✓MA ✓A = R 5 000 + R 900 = R 5 900✓CA **OR** ✓MA = R5 000 + (R 5 000 × 0,06 × 3)✓MA ✓A = R5 000 + R 900 = R 5 900✓CA	1MA multiplying by 6% 1MA multiplying by 3 1 A for the interest amount 1 CA for correct answer 1MA multiplying by 0,06 1MA multiplying by 3 1 A for the interest amount 1 CA for correct answer (4)	F L2 M
4.3	Radius $= \frac{5}{2}$ m✓MA = 2,5m✓A Area of a circle $= \pi \times (\text{radius})^2$ $= 3,142 \times (2,5)^2$✓SF $= 19,6375\ m^2$✓CA $= 20\ m^2$✓R	1MA dividing with correct values 1A radius 1SF correct substitution 1CA correct answer 1R rounding (5)	M L3 M

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4.4	Volume of tank $= \pi \times (\text{radius})^2 \times$ height. $= 3{,}142 \times (2{,}5)^2 \times 4\text{m}$ ✓SF ✓S $= 3{,}124 \times (6{,}25) \times 4\text{m}$ $= 78{,}55\text{m}^3$ ✓CA $= 78{,}55\text{m}^3 \times 1\,000$ ✓C = 78 550 litres ✓CA The statement is correct✓O	**CA for radius from 4.3** 1SF substituting correct values 1S correct simplification 1CA correct answer 1C conversion 1CA correct answer 1O opinion (6)	M L4 D
4.5	Total Investment = R5 900 Total Income = 3 × R2 100✓MA = R6 300✓A Difference = R6 300 – R5 900✓MCA = R400	**CA from 4.2** 1MA multiplying correct values 1A answer 1MCA subtracting correct values (3)	F L2 D
			[20]
			TOTAL MARKS:75

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