



Hoërskool Johan Jurgens
Mathematical Literacy
Grade 10
NOV PAPER 2 MARKING GUIDELINES

Examiner: Ms. N. Gertenbach

Time: $1\frac{1}{2}$ hours

Moderator: Mrs. M Botha

Total: 75 marks

Question 1	Question 2	Question 3	Question 4	Total
_____ / 16	_____ / 22	_____ / 20	_____ / 17	_____ / 75

SYMBOL	EXPLANATION
M	Method
MA	Method with accuracy
MCA	Method with consistent 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

Question	Answer	Mark Allocation	Mark
Question 1			
1.1.1	$3765g \div 1000 \checkmark$ $= 3,765 kg \checkmark$	2A answer 2AO	(2)
1.1.2	$420 \div 60 \checkmark$ $= 7 hours \checkmark$	2A answer 2AO	(2)
1.2.1	13/10/25 $\checkmark \checkmark$ OR 13 October 2025	2A answer	(2)
1.2.2	Value Added Tax $\checkmark \checkmark$	2A answer	(2)
1.2.3	14:14 $\checkmark \checkmark$	2A answer 1P penalty for PM	(2)
1.2.4	$P(R50,00) = \frac{1 \checkmark}{3 \checkmark}$	2A answer	(2)
1.3.1	8 February 2028	2A answer	(2)
1.3.2	2020	2A answer	
[16]			
Question 2			
2.1.1	2 Type C bolts $\checkmark \checkmark$	2A answer	(2)
2.1.2	$8 \checkmark \times 10 chairs \checkmark$ $= 80 screws \checkmark \checkmark$	2M multiplying 1A answer 3AO	(3)
2.1.3	4 nuts $\checkmark \checkmark$	2A answer	(2)
2.1.4	Screw $\checkmark \checkmark$	2A answer	(2)
2.1.5	Screw driver \checkmark Drill \checkmark Any reasonable answer	1A answer 1A answer	(2)
2.1.6	For safety $\checkmark \checkmark$ For durability For comfort Any reasonable answer	2A answer	(2)
2.2.1	Sterns $\checkmark \checkmark$ American Swiss Pandora Any jewellery store	2A answer	(2)
2.2.2	Ster Kinekor $\checkmark \checkmark$ Cinema	2A answer	(2)

2.2.3	$P(\text{store with name}) = \frac{6}{112}$ $= 0.05 \times 100$ $= 5\%$	1A answer 6 1A answer 112 MCA 1A answer decimal 1M multiply 100 1A answer	(5)
[22]			
Question 3			
3.1.1	C✓✓	2A answer	(2)
3.1.2	B✓✓	2A answer	(2)
3.1.3	D✓✓	2A answer	(2)
3.1.4	A✓✓	2A answer	(2)
3.2.1	$\text{cups} = \frac{500}{250}$ $= 2 \text{ cups}$	1M division 1A answer 2AO	(2)
3.2.2	$1 \text{ kg} = 1000 \text{ g}$ $= 1000 - 350$ $= 650 \text{ g left}$	1M multiply 1000 1M subtraction 1A answer	(3)
3.2.3	$\frac{3}{3} : \frac{10}{3}$ $= 1:33,3$	2RT 1S simplification	(3)
3.2.4	$45 + 35 = 80 \text{ minute}$ $= 1 \text{ hour } 20 \text{ minutes}$ $7:15 + 1 \text{ hour and } 20 \text{ min}$ $= 8:35$ $\text{Yes, her statement is correct}$	1M addition 1M addition 1A answer 1A answer	(4)
[20]			
Question 4			
4.1.1	Arrangement of desks and chairs in a classroom. ✓✓	2A answer	(2)
4.1.2	Number scale ✓✓	2A answer	(2)
4.1.3	$= 6 \times 2$ 12 learners	2A answer	(2)
4.1.4	EAST ✓✓		(2)
4.1.5	$\text{Perimeter} = 2l + 2b$ $\text{Perimeter} = 2(15) + 2(10)$ $= 50 \text{ m}$	1 Formula 1 Substitution 1A answer	(3)
4.1.6	In case of a fire $\text{Any reasonable answer}$	2A answer	(2)
4.2.1	$50 \text{ m} - 2(0.8)$ 48.4 m	1M subtraction 1A answer	(2)
4.2.2	$48.4 \text{ m} \times R49.99$ $= R2439.51$	1M multiplication 1A answer	(2)

TOTAL: 50 MARKS

Investigation Bloom Taxonomy Marks: 75					
Question	Knowledge	Routine Procedures	Complex Procedures	Problem Solving	Total
	30%	30%	20%	20%	100%
1.1.1		2			2
1.1.2		2			2
1.2.1	2				2
1.2.2	2				2
1.2.3	2				2
1.2.4	2				2
1.3.1	2				2
1.3.3	2				2
2.1.1		2			2
2.1.2		3			3
2.1.3			2		2
2.1.4	2				2
2.1.5				2	2
2.1.6				2	2
2.2.1				2	2
2.2.2		2			2
2.2.3			5		5

3.1.1	2				2
3.1.2	2				2
3.1.3	2				2
3.1.4	2				2
3.2.1		2			2
3.2.2		3			3
3.2.3			3		3
3.2.4				4	4
4.1.1		2			2
4.1.2	2				2
4.1.3	2				2
4.1.4		2			2
4.1.5			3		3
4.1.6				2	2
4.2.1			2		2
4.2.2			2		2
Total	26	20	17	12	75
Total %	35	27	23	16	100