This memorandum consists of 5 pages.

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>EXPLANATION</th>
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<tbody>
<tr>
<td>M</td>
<td>Method</td>
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<tr>
<td>MA</td>
<td>Method with Accuracy</td>
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<tr>
<td>CA</td>
<td>Consistent Accuracy</td>
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<td>A</td>
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<td>S</td>
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<tr>
<td>RT/RG</td>
<td>Reading from a table/graph</td>
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<tr>
<td>F</td>
<td>Choosing the correct formula</td>
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<tr>
<td>SF</td>
<td>Substitution in a formula</td>
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<td>O</td>
<td>Opinion</td>
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<tr>
<td>P</td>
<td>Penalty: e.g. for: no units, incorrect rounding off etc.</td>
</tr>
<tr>
<td>R</td>
<td>Rounding off</td>
</tr>
</tbody>
</table>
QUESTION 1

1.1 750 ml ÷ 250 ml ✓
= 3 cups of flour ✓
M:1 A:1 (2)

1.2 500 ml ÷ 125 ml = 40 units ✓ of 12.5 ml
40 x 10 g ✓ = 400 g of sugar ✓
S:1, A:1 M:1, A:1 (4)

1.3 20 ml of baking powder ÷ 5 ml ✓
4 spoons of baking powder ✓
M:1 A:1 (2)

1.4 ⅓ of 250 ml ✓
= 83.33 ml she will measure 80 ml ✓
M:1 A:1 (2)

1.5 24 wedges x R3 ✓
= R72.00 ✓
M:1 A:1 (2)

1.6 R72 – R25 ✓
= R47 profit ✓
M:1 A:1 (2)

QUESTION 2

2.1.1 R300 + R125 + R375 + R2 500 + R500 + R1 125
+ R750 + R3 325 ✓ M = R9 000 ✓ A
M:1 A:1 (2)

2.1.2 $\frac{1\frac{125}{9000}}{}$ ✓ x 100% ✓ = 12.5% ✓
S:1, M:1, A:1. (3)

2.1.3 R9 000 x $\frac{4.5}{100}$ ✓ = R405 ✓ OR R9 000 + 4.5%
R9 000 + R405 ✓ = R9 405 ✓
M:1, A:1 M:1, A:1 (3)

2.1.4 R3 500 ÷ 12 months ✓ = R291.67 ✓
M:1, A:1 (2)

2.1.5 R125 + R291.67 ✓ = R416.67 ✓
M:1, A:1 (2)

2.1.6 New Total expense = R8 373.00 ✓
$\frac{2\frac{698}{8373}}{}$ ✓ x 360° ✓ = 116 ✓
S:1, M:1, A:1 (4)

2.2.1 12 hours – 7 hours ✓
= 5 hours ✓
M:1 A:1 (2)

2.2.2 Stopped (for food, petrol, etc.) any good reason ✓
M:1 A:1 (2)

2.2.3 Speed = $\frac{\text{Distance}}{\text{Time}}$
= $\frac{(1 200-600) \text{ km}}{(12-7) \text{s hour}}$ ✓ ✓ ✓
= 120 km/h ✓
Working out distance
Working out time
Substituting even if answer are wrong
Correct answer, even if wrong values were used. (4)
QUESTION 3

3.1

<table>
<thead>
<tr>
<th>Number of Cricket Bats ((x))</th>
<th>Income ((4 \times x))</th>
<th>Expense ((x + 900))</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>400</td>
<td>1000</td>
</tr>
<tr>
<td>200</td>
<td>800</td>
<td>1100</td>
</tr>
<tr>
<td>300</td>
<td>1200</td>
<td>1200</td>
</tr>
<tr>
<td>400</td>
<td>1600</td>
<td>1300</td>
</tr>
<tr>
<td>500</td>
<td>2000</td>
<td>1400</td>
</tr>
</tbody>
</table>

1 Mark for every 2 correct values in the table

3.2

**Income and Expense**

Income:
Any 2 points plotted correctly ✓
Straight line ✓

Expense:
Any 2 points plotted correctly ✓
Straight line ✓

3.3 300 Bats ✓✓

3.4 Income = 4 \times 790
= R3 160 ✓

Expense = 790 + R900
= R1 690 ✓

Profit = R3 160 – R1 690
= R1 470 ✓

For:
Income
Expense
Profit
3.5.1 \[ 790 \times \frac{120}{100} = 948 \]

For: 120
M: 1
A: 1 (3)

3.5.2 Income = 4 \times 948
= R3 792

Expense = 948 + R900
= R1 848

Profit = R3 792 – R1 848
= R1 944

For: Income
Expense
Profit (3)

QUESTION 4

4.1.1 \[ A = l \times b \]
= 9 m \times 6 m
= 54 m^2

SF: 1
A: 1 (2)

4.1.2 Area = 54 m^2
30 cm = 0,3 m
Area of a tile = 0,3 m \times 0,3 m
= 0,09 m^2

C: 1
M: 1

No of tiles = \frac{\text{Area of garage}}{\text{Area of one tile}} = \frac{54}{0,09} = 600 tiles

A: 1 (3)

4.1.3 \[ 600 \times R1,25 = R750,00 \]

M: 1
A: 1 (2)

4.1.4 Labour = 54 m^2 \times R45
R2430,00
R2430,00 + R750,00
R3180,00

M: 1
A: 1

4.1.5 \[ A = P (1 + i)^n \]
= R4 000 \times (1 + 0,08)^5
= R4 000 \times 1,469328
= R5 877,31

SF: 1
S: 1
A: 1 (5)
[16]
QUESTION 5

5.1 Easterly direction  
A: 1  (2)

5.2 Riversdale

5.3.1 2 Times  
A : 1  (1)

5.3.2 Swellendam  
Mossel Bay  
A : 1  (2)

5.4 \[ \frac{480}{80} \]  
\[ = 6 \text{ Hrs} \]  
Total time for breaks = 1h 30 min  
Total time taken = 7h and 30 min  
Arrival time at Knysna: 15:30 or 3:30 pm  
S : 1  
A : 1  
A : 1  
A : 1  (5)

5.5.1 \[ \frac{480}{9} \]  
\[ = 53.33 \]  
\[ = 54 \]  
Rounding off  
M : 1  
A : 1  
(3)

5.5.2 54 x R7.27  
\[ = R392.58 \]  
\[ = R393 \]  
Rounding off  
M : 1  
A : 1  
(3)

QUESTION 6

6.1 \[ \frac{5+12+15+19+32+32+40}{7} \]  
\[ = 23 \text{ beaded items per day} \]  
Adding  
Dividing  
Answer  
(3)

6.2 5; 12; 15;/ 19/; 32; 32; 46  
Median = 19  
Arranging  
numbers  
Answer  
(2)

6.3 32  
Answer  
(1)

6.4 Range = 40 – 5  
\[ = 35 \]  
Method  
Answer  
(2)

6.5 Friday, Saturday and Sunday  
Answer x 3  
(3)

6.6 More people go out for entertainment on week-ends.  
Schools do tours on Fridays and week-ends.  
Any suitable reason  
Reason  
(1)