

Monyetla Bursary Project

Grade 11

Lesson 1: Finance Questions – MEMO

QUESTION 1:

1.1	Line AB ✓ It starts at 80 OR ✓✓ It does not start at 0 OR It has a fixed cost OR Any other relevant reason	(3)
1.2	R20 ✓✓	(2)
1.3	$R20 \div 10$ ✓ = R2 per minute ✓	(2)
1.4	80 minutes ✓✓	(2)
1.5	Break-even point ✓✓	(2)
1.6	If you use less than 80 minutes per month, option CD would be cheaper. ✓✓ If you use more than 80 minutes per month, option AB would be cheaper. ✓✓	(4)
		[15]

QUESTION 2:

1.1	$A = R250$ ✓ + $(R2,50 \times 200)$ ✓ = R750 ✓ $B = R500 \times 150$ ✓ = R750 ✓	(5)
1.2	Total cost = $R250$ ✓ + $(R2,50 \times \text{nr of cups})$ ✓	(2)
1.3	Total cost = $250 + (2,50 \times 260)$ = R900 ✓ Income = 5×260 = R1 300 ✓	(3)

	$\text{Profit} = \text{R1 300} - \text{R900}$ $= \text{R400} \checkmark$	
1.4	<p>Total cost (with sugar) = R500 ✓</p> <p>Total cost (with honey) = R250 + (R3,00 × 100) ✓</p> $= \text{R550} \checkmark$ <p>Difference = R550 – R500</p> $= \text{R50} \checkmark$ <p>Her statement is valid</p>	(5)
1.5		(5)
1.6	<p>Break-even point is where the cost and income are equal ✓✓</p> <p>OR</p> <p>Break-even point is where there is no profit ✓✓</p> <p>100 cups ✓</p> <p>R500 ✓</p>	(4)
		[24]