

Question			Answer	Marks	Part Marks and Guidance	
1			19.6 to 20	3	M2 for 7×1.09^{12} oe Or M1 for 7×1.09 oe soi by 7.63 Or SC1 for answer 14.56	

2			6729 or 6729.48	4	B3 for 8270 or 8270.52 or 8271 Or M3 for $15000 - 15000 \times (1 - 0.18)^3$ oe Or M2 for $15000 \times (1 - 0.18)^3$ oe Or M1 for 15000×0.18 oe soi by 2700	May be as $15000 \times (1 - 0.18)$ oe soi by 12300
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3	(a)	(i)	2.5	1		
		(ii)	1997	2	M1 for 2013 – 16 oe	
	(b)		4453.51 or 4453.52	1		

4	(a)		C	1		
	(b)		A	1		
	(c)		D	1		

5	(a)		5	2	M1 for $\frac{\text{their (change in litres)}}{\text{their (change in time)}}$ oe soi Or SC1 for answer 10	
			Litres per hour oe	1		
	(b)		13.00 and 15.00 oe	1		Ignore am/pm with 24h clock times
	(c)	(i)	Stopped oe	1	Or acceptable alternative	Ignore extra/incorrect comments
			(ii)	Fill up tank oe	1	Or acceptable alternative

6		35 730.48 or 35 730	4 M3 for $30\,000 \times 1.06^3$ oe Or M2 for $30\,000 \times 1.06^2$ oe soi by 33 708 Or M1 for $30\,000 \times 1.06$ oe soi by 31 800 Allow SC3 for answer 37 874 or 37 874.30 or 37 874.31 Or SC3 for answer 5730.48 or 5730 Or SC2 for answer 35 400 Or SC1 for answer 5400	For M3 accept $30\,000 \times 1.06^4$ oe
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