Future value

(a) Ro 10000 - end of every year - 7 years - 121. interest compounded anually

. Money at the end of
$$7^{th}$$
 year = $10000 \left[(1+0.12)^{7} - 1 \right]$

= 100890.117

(2) Present value - 25000 per year - 10 years - 12×1 .

. $PV = 25000 \left[1.12^{10} - 1 \right] = 141255.5757$

Q4)
$$250000 - \text{end of } 10\text{years} - 10\text{/.}$$

 $PV = A \left[\frac{(1+i)^{n}-1}{i} \right]$
 $250000 = A \left[\frac{1 \cdot 1^{10}-1}{0 \cdot 1} \right] \Rightarrow 250000 \times 0.1 = A$
 $A = 15686.3487$
Q5) $\frac{1000}{1000} - \frac{1000}{1000} = \frac{1000$

$$= 92323.977$$

$$(3) PV = 250000 \left[\frac{11^{12}-1}{0.1\times1.1^{12}}\right] - 1703415.75$$

