Q1:

ie = 9% 
$$r$$
: monthly interest rate if companded monthly.  
 $1+9\% = (1+r)^{12} \Rightarrow r = 0.007207 = [0.7>07\%]$ 

Q2: 
$$r: 4.6\%$$
 daily compounding ie =  $(1 + \frac{4.6\%}{251})^{251} - 1 = \frac{4.707\%}{1}$ 

Q3: Assume 3% interest per year compounded quarterly:  

$$eV-1 = Ve = (1+\frac{3}{4})^4 - 1 \implies V = [2.989\%]$$

05: Semi-annual rate: 
$$r_{s+1} = (1 + \frac{2.9\%}{3})^6 \Rightarrow r_{s-2} - 942\%$$
effective interest rate per  $2 \text{ year}$ :  $0 = (1 + r_s)^4 - 1 = 0.2597$ 
Semi-annual rate per  $2 \text{ year}$ :  $(1 + \frac{r}{4})^4 = 1 + 0.2597$ 

$$= r = |2.377\%|$$