Question 5.

a) 
$$E(r_x) = r_f + g_x (E(market) - r_f)$$
  
=  $4\% + 1.5 (10\% - 4\%) = 13\%$ 

D= 4million,

b) For To, capital outflow = -950000

Yes because the NPU >D, so taking it is hight!

c) According to M&M theorem, the cost of capital of a firm doesn't depend on its capital structure if there is no taxes,

The cost of equity will be increased, since the larger the

leverage of a company the riskier it would be (bankruptay)

for the beta, BE=Bu+E(Bu-BD), Here, Buand(BD

do not depend on capital structure, so if E changes,

RE will be changed!

So, the new NOCC would be below the one in question a)