

- 1) Find out the value of a zero coupon bond issued for 5 years with YTM of 8%, FV=1000. (Assume annual compounding)? What will be the duration of this bond?
- 2) What should be a correct price of a 5 year bond with an annual coupon of Rs.5 and a par value of Rs.100, Given the required YTM is 9%?
- 3) Find out the value of a zero coupon bond issued for 7 years with YTM of 9%, FV=1000. (Assume annual compounding)? What will be the duration of this bond?
- 4) What should be a correct price of a 3 year bond with a semiannual coupon of Rs.30 and a par value of Rs.1000, Given the required YTM is 8%?
- 5) What should be a correct price of a 5 year bond with a quarterly coupon of Rs.20 and a par value of Rs.1000, Given the required YTM is 9%?
- 6) Mitul is holding a bond with duration of 5 and its value as per the closing hours of Tuesday 8th October 2013 is Rs. 900. On Wednesday yields surged by 40 bps on the rumor of central bank hiking the interest rates. However weak economic data on Thursday meant there might not be any rate hike in near future which resulted in yields cooling off by 30 bps. So what would be the likely value of the bond held by Mitul on closing hours of Thursday?
- 7) Devesh is holding a bond with duration of 6 and its value as per the closing hours of Monday 8th November 2014 is Rs. 120. On Tuesday yields surged by 20 bps on the rumor of central bank hiking the interest rates. However weak economic data on Wednesday meant there might not be any rate hike in near future which resulted in yields cooling off by 10 bps. So what would be the likely value of the bond held by Devesh on closing hours of Wednesday?.