* Qu 1) N=78 , 11% compon . (2110 x2 10% = F= 1000 Calculate the value of the bond at the end of years $PV_5 = \frac{10}{(1.1)^2} + \frac{1000}{(1.1)^2} + \frac{2}{1017.355}$ The Cash flows are remisented at a rate 10-9.8% FV & Cosh flows: 110 (1.095)4

+110(1.04C)3 + 110(1.095)2 + 110 (1.095) + 110 = 664.90.

Hence the total value gained at year ? and = 1017.355

2 1682 26

 $\in 110(1-\frac{(1.1)^{2}}{1}) + \frac{1000}{1000}$ = 1048.68.

= 69.60=

TR = (HO Value) HD - 1 z (1682.26) = 1

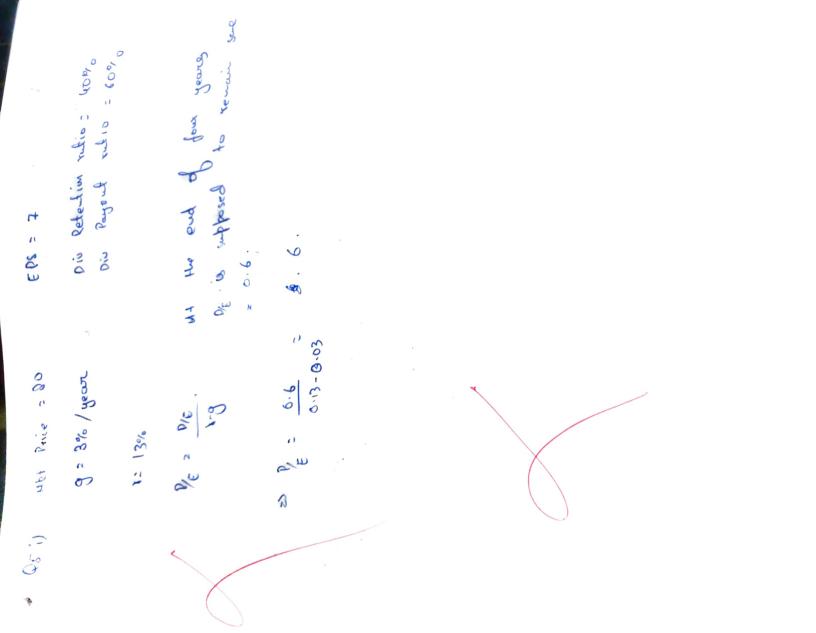
> = 0.0991 TR = 9.91%

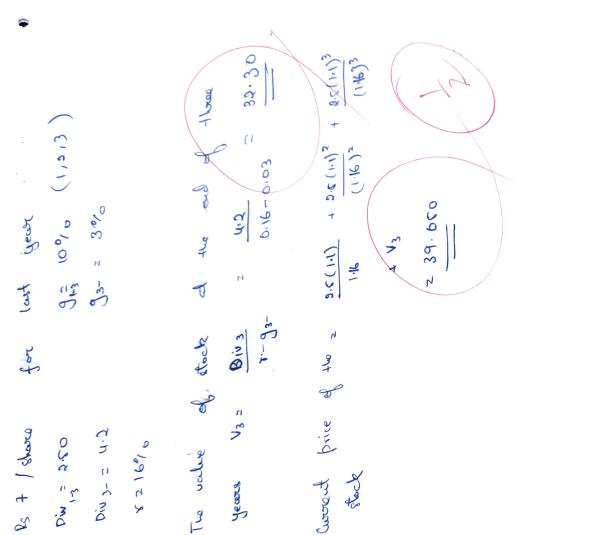
C = 5

11)

	PV (CashF)	PVxt/PVB
1	5/1.055 = 4.739	0.5x 4.739
2	6/1.0552 2 4.492	1 x 4.492
3	4.268	
Ч	4.036	
8	3.025	
6	3.626	1
7	3.437	
8	3.267	مراه د د دلار
9	3.000	437
, 16	2 a 27 61.47	
	Po of Bond 2 96.2	28 4.032

Duration = 4.032 years.





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