equiv. to 4 yr boar on prencipal 10L - 2.39L. 13/2/23 \rightarrow Price of 72: - Time taken to double = $n = \frac{72}{8}$. \rightarrow Rule of 69:- $n = 0.35 + \frac{69}{V}$ (doubling period) > Zero-Coupon bond - nothing in between, only lumpeum amount in the end. -> Default F.V. of bond = \$1,000 -> Say, F.V. = 71,000 12% coupon anually 5 year, at the end of 5 year,

If required rate of return = 10%, what would you like to get gay for it?

= 8.89%

> Valuation)-Vos f ([CF1, CF2, ..., CFn]) $V_0 = \sum_{t=1}^{n} \frac{cf_t}{(1+i)^t}$ -> Expected Rote of Return (ROR) & Risk -> Equity share -> doesn't promise how much you will get ! when or if you will get-MP = Rs. 80 |
Pivt = Divt+1 = --- = Pivo = 25 5 |-MP = Rs. 80/- $\left(\frac{A}{r}\right)$, with growth = $\left(\frac{A}{r-q}\right)$ without -> CF Framework: $V_0 = \sum_{t=1}^{n} \frac{CF_t}{(1+r)^t}$ -> Valuation of Equity shares using Dividend Discounting Model: Constant Model (no Growth) $V_0 = \frac{D_1}{r} \quad (D_0 = D_1 = \cdots = D_\infty)$ with , Growth Ke -> cost of equity. $V_0 = \frac{D_1}{K_2 - g}$ -> 12.7°,1000,120 Goet for company 1270x (1- Tax)

-> b = Rs. 10 9 = 5%. $V_{\delta} = \underbrace{D_{\delta} \times (1+9)}_{K_{\ell}-9}$ Ke= 12% -> Pt + Pp = Ke Rick-free
rate of proture Rick Premium (Rp) = f (rick). ranisk premium -> CAPM-Capital Asset Pricing Model

CAPM = Rg + P(Rm - Rg) Prick Premium Rick-free Market rate
Rate of return ri = a+ prm + e Proxy for Systematic rick Morethe B, more the risk. → P=0.9, R=770, Pm=1570 Ke= 0.07 + 0.9x (0.15-0.07) = 14.2 % Pz Pz Dy PI 9 = 470 further 12 15 17 $\frac{10}{1.142} + \frac{12}{(1.142)^2} + \frac{15}{(1.142)^3} + \frac{17}{(1.142)^4} + \frac{17}{(1.142)^9}$ $fV y = \frac{17 \times 1.09}{0.192 - 0.09} = 173.33$