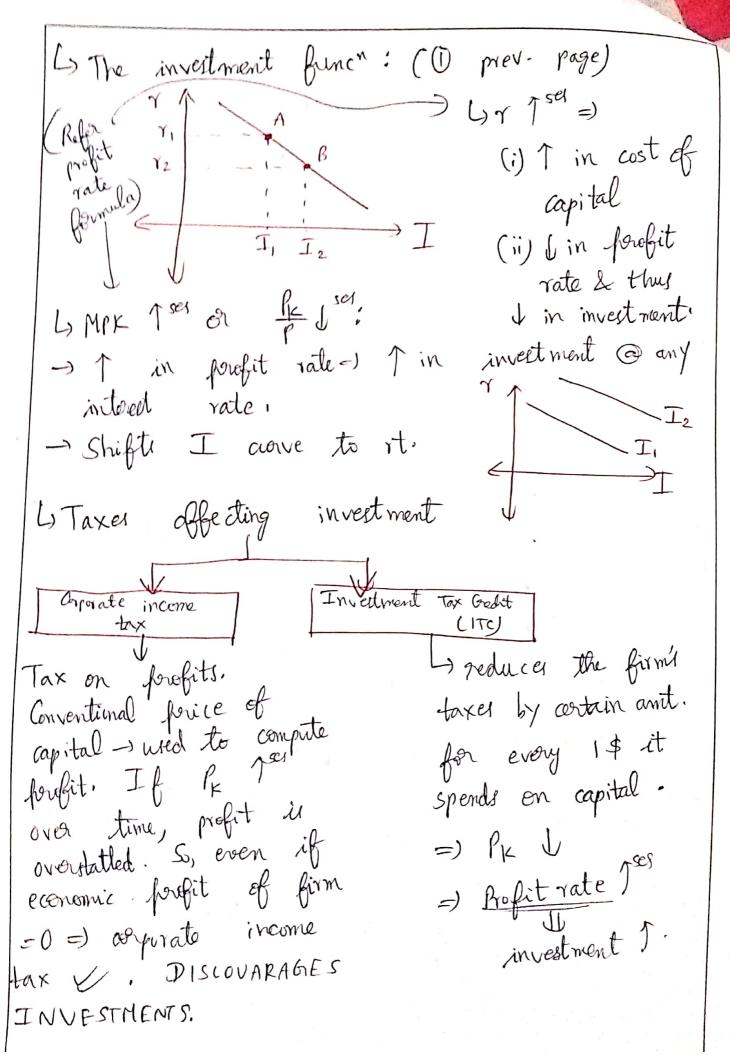
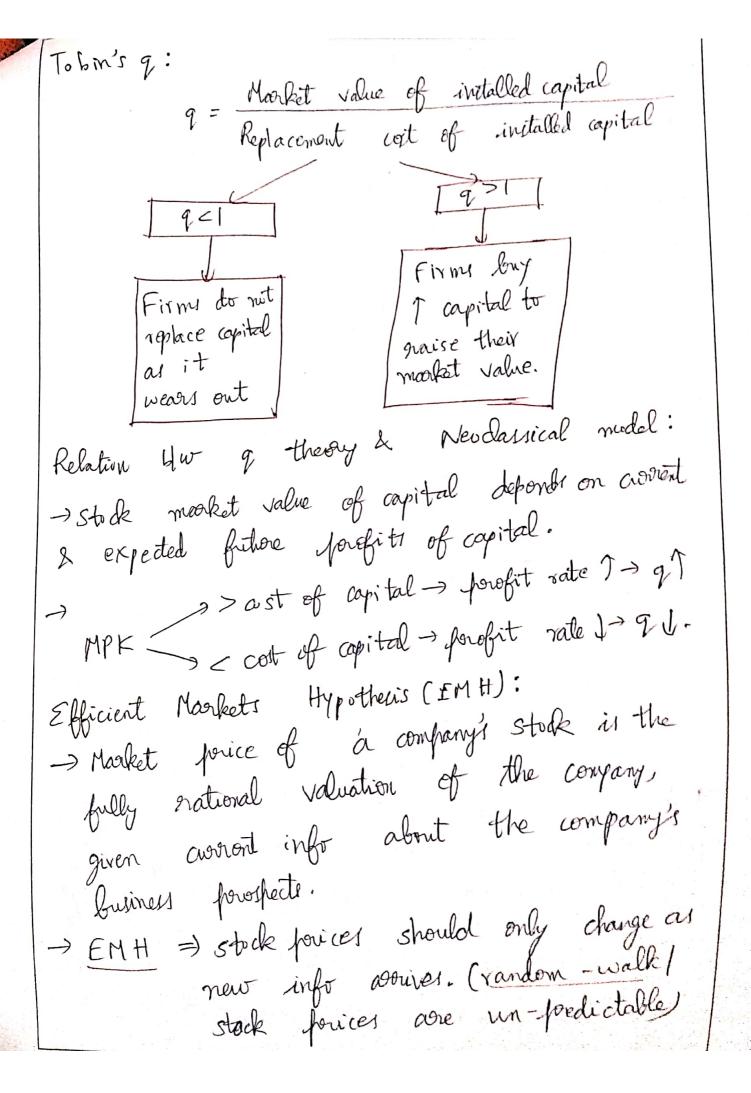


LaThe Cost of capital: · Inderest cost: Opportunity wst equal to the interest firms could have earned if they had prochased Pk work of bonds inited of PK from their own funds. spending Interest = i XPK | Pk = nominal forice of capital. Depreciation rate = 1. ef wat that wears out each · Deforeciation cost: Firms capital= (1-D) (North of capital) after the defere ciation provio d. Defore ciation 3 = 5 x (R) = grate of deforeciation. A capital gain, OPE > 0 neducer wet of K · Capital Loss: = - OPK. Nominal cost = Interest + depreciation costs + Capital loss of capital = :X/k + SXPk - OPK PK ( 1 + 8 - OPK)

frence of capital= P, OPK = TT. :. Nominal forces of capital = Pic (i+5-T) = 1/k (x+8) cost of capital = (PK)(9pt 5) nelative depreciation real porice rate interest capital. rate Profit rate = SP-CP = R - PK (n+s) = MPK-PK (n+s) >>0 > firms grents T capital (TK) ><0> firm JK by not replacing it as it defereciates. L) détornines a firm's net interest rate. investment. -> Net investment = DK = I[MPK - Pk (7+5)] I[] is a func' J Gross investment = net investment + SK (replacement of deprenated (c) I = Im[MPK-PK(r+S)] + SK ak + sk





-> Stock forices 1sed -> I in technological foregrassion. (L) I in household wealth ) I in household consumption et c., Residential - fix ed investment: (PH) = Nominal poice of houses -> depends of Real depends on supply & demand of existing houses. - determined as follows: Supply of new Market for having housing CFlow of ( Stock of recidential heuring copital) in verticent) Interest rate I = ) demand for houses T = 1 relative T'es per gresidential involvent. price D, to D. Suppl 4 CLOWE shuft.

Tax theatment of howing: Subsidises home ownership by allowing ppl to decluct moitgage interest. Capplies to nominal metgage rate = ) sublidy 1 = ) IRT& Mortgage rate ) (rominal) Investory investment: ~1% of GDP. -) Reasons: (Motives of investment) 1) Rod" Smuothing / Sales = forod" - inventories 1 2 Factor of prod" - spare parts when machines 3 Stock-out avoidance > avoid lost sales when a 4) Nork in progress -> Works not yet completed -> goods still under construction -> inventory. Accelorator Model: theory that explains the -> A simple behaviour of inventory invertment without focusing on any I partialer investment.

-) N = stock of inventories, ON = inventory investments Assuming that firms hald a stude of inventories N=(Pilmageflotte)
exogeneous parameter =) | N=BOY = Inventory inventment & -) of T set =) inventory investment T ses

-) of J set =) (1) 11 -> opportunity cost of holding goods in the inventory = SInterest corned on revenue from I solling the goods. real interest ? apportunity cost of maistring inventories 1 firms l'inventories & paroduce only when required. inventory defends of interest rates.