② 7. Long run: Syt = SAUt 1/3 -2/3 So if A rises because Of an infroveners the technology, the involved come ShiFA UP : 1 5/1. 1 nthe Arh actual Timethent/ dePrecion and Artenkin Contput, 50. Ghirtim on that reman in a JK En. Yifei says that because Y_long_run = A K^a L^1-a, the potential output grows while capital grows. But I disagree, the Jones book even talks about this, taht Y is dependent on A^3/2. 老人一,此人 Ropital Mareras Simultaneasly, output innoberes increded 2 as A vises: Y, = AU, D2, Because capital and west, the long ten effect an eve Bigger effect $4 \quad 4 = \left(\frac{5}{a}\right)^{1/2} A^{1/2} L$ So if A increwed, of out Put increses Eggs stand therefore of would introlly income & (Proclasher would be lower than À

Z Potential Production) But it would reduce as more Maskey would be invested in Calital: Then It this increwes only By A Car least in the Short term) this immediately increases 84 A 3/2 2. It would cause Callibol K to fall cas in damaged). The immediate expects will be that Ye Falls rapilly which will (au se Become pregative: 1 defración di alm with K. Kut earthqua de Howeve ove the long win, where more would Be invoted and it would december return Back Draw the IS-curve and argue that the government would reduce interest (IS-MP)

Expul will reduce so (ex will fall so a in $V = a - b (R_E - \bar{r})$ will fall IS Come Shifts downwords: IS (new) ONPUT Will Fall book as the economy gods So From A to B. (3 w/1 Fall) For bonus mark: (Japanese lost decade) when your interest rate goes to 0, people are indifferent to holding on to money or borrowing/investing. So it is very dangerous to go so low. And if it goes too low then people will just hoard cash/buy goats. (0 (0