Lecture 2 → supply - demand analysis ← supply curve relationship between quantity of a good that producers are milling to see and the price of good. QS = QS(P) > quantity supplied at price P Sele more

Sele more

so sele more

reppens > shift to

the left

good heppens >

to

to 6 quantity supplied * as price Tes you want to sell more if production cost falls; meaning that firms can produce the quantity at a cover price or more quantity at the same price. empply curve difte to the right. It the same price PI you are milling to Sell & 2

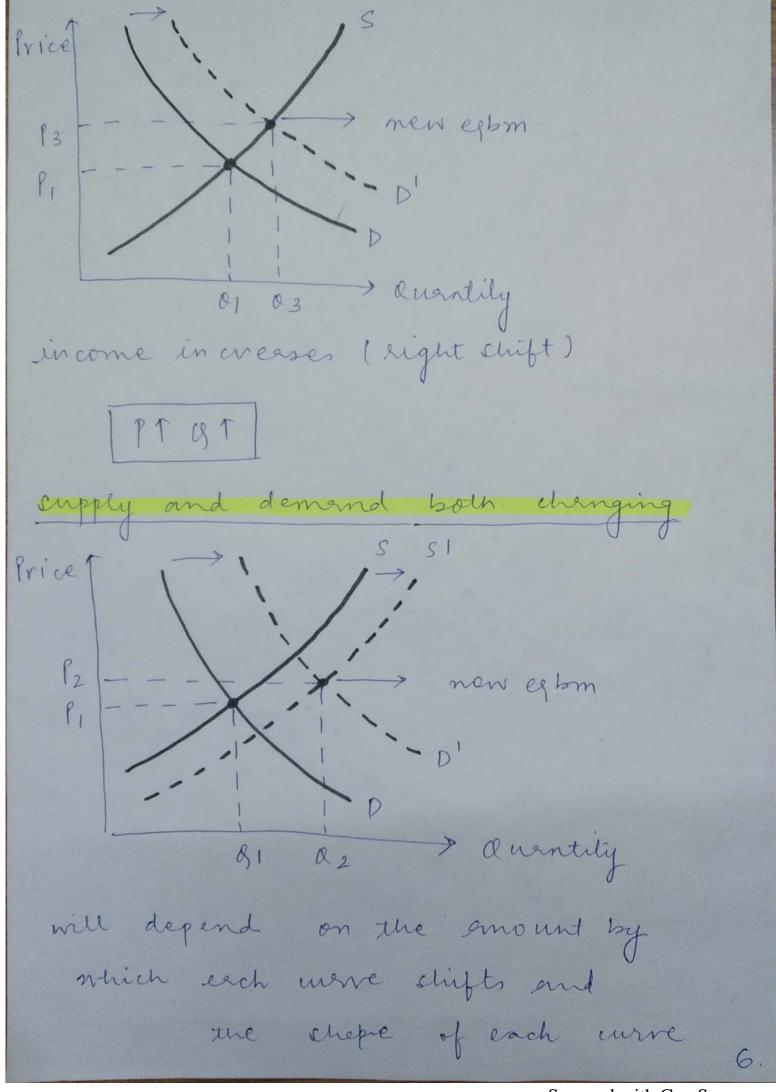
production cost other rariables that affect supply cost of van naterials charges meather conditions etc. rice production mæket price is affected you more along the supply curve any ting other supply were itself shifts then the mediet price is affect It quantity supplied // change in supply

demand curve: relationship between the quantily of goods that consumers are milling to buy and the price of the good. Price 12 - 1 Price QD = QD(P) 01 02 Quantity if own price is affected -> we'll more along the demand if something other demand curve slights than the own price is affected as income increases, quantity demanded also Tes at the same price, you are willing to my more of the product substitutes two goods for which (good) 1 price => (good 2) | demanded eg tee and where

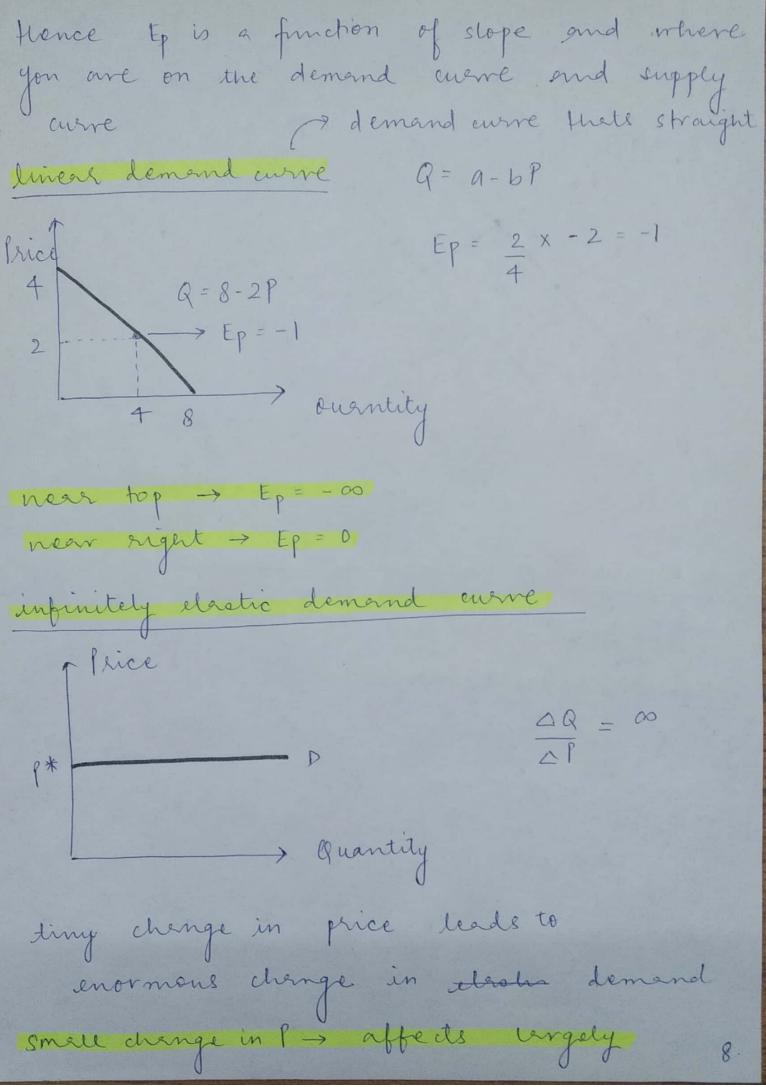
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complements 2 goods for which (good) price => (good2) | quentity eg. sodes and shoes; the and sugar MECHANISM: MARKET Price of Surplus somes from the producers Po gund do are the equilibrium price x equilibrium quentity. at P1 85780 a supplied 3 demended Qs = 90 means equilibrium EQUILIBRIUM price that equates the quantity supplied to the quentity demended (equilibrium / merket clearing price) 4.

morbet mechanism dendency in a free morbest for price to change until the market dears Qs > Qp labour wage I es then govt puts min QD)QS MAPKET EQBM Price 1 (right shift) cost falls production PJ 91



9/11 effects on supply and domand for new youk office office office Price (\$1/5+) 41.81 57.2 91 76.6 duentity elestreity % change in 1 variable resulting from a 1.1. I in another price elasticity of demand 1- change in QD of a good resulting from 1 of t in its P Eb = (.1. 00) (.1 . 01) inverse of slope 10/9 = 160 11/19 3 AP of demand supply and



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infinitely elastic demand consumers will buy as much of a good as for TP quantity demanded to for IP quantity demanded Tes vitnout limit infinitely in elastic domand $\frac{\Delta Q}{\Delta P} = 0$ B* guentity someone addicted to smoleing I drinking gort can change as much tax as they want as the domand remains some consumere will long a fined quantity
regardless of the price income elasticity of demand of change in the quantity demanded resulting from a 1°/. 1 in in come

 $E_{I} = \frac{\Delta Q/Q}{\Delta I/I} = \frac{I}{Q} \frac{\Delta Q}{\Delta I}$ cross priced elasticity of demand % change in QD of a good resulting from a 1%. I in P of smother tells us weather the goods are compliments or suplements. substitutes $\frac{1}{|A|} = \frac{|A|}{|A|} = \frac{$ (where b and m are 2 diff goods)
[Hernles @ Nehe:)] Price elasticity of supply 1. change in Qs resulting from a 1.1. I in . P point clasticity of demand price clasticity at a particular point on the domand arc elasticity of demend point arc price calculated over a range of prices. $E_{\rho} = \left(\frac{\Delta Q}{\Delta \rho}\right) \left(\frac{\bar{\rho}}{\bar{Q}}\right)$ and $\rho = \frac{\rho_1 + \rho_2}{2}$ $\bar{Q} = \frac{Q_1 + Q_2}{2}$

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