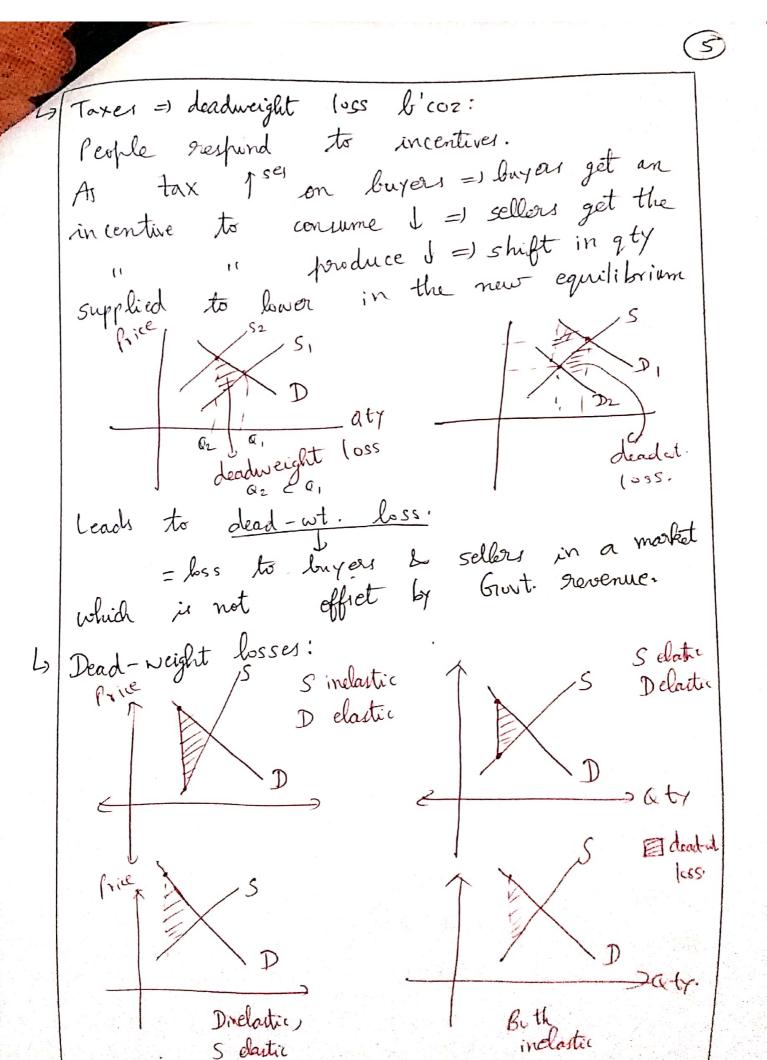
6) Tax incidence - suffers to how the burden of a stax is distributed among various freshle who make up the economy-L) How taxes on sellors affect morket outcomes? Tax 1 =) if sellers produce 1 goods =) forice of food" 1 ses =) discordages monket activities 2 sellors produce I goods. Supply ourve shifts by the tax imposed per good. Before Tax Tax After tax Price 1 \$3.00 \$0.5/come \$3.00 3 1 con e Price 51 shift = tax = \$0.50 D No. of recom \$2.8 = what sellers receive after tox \$3.3 = price per cone after taxation \$ 3.0 = price per cone lefore tax. disady p gty of goods sold in the new Eq. is La disourages morbet activities. L) New equilibrium -> fraice) => buyers pay I but sellers receive V boz of tax.

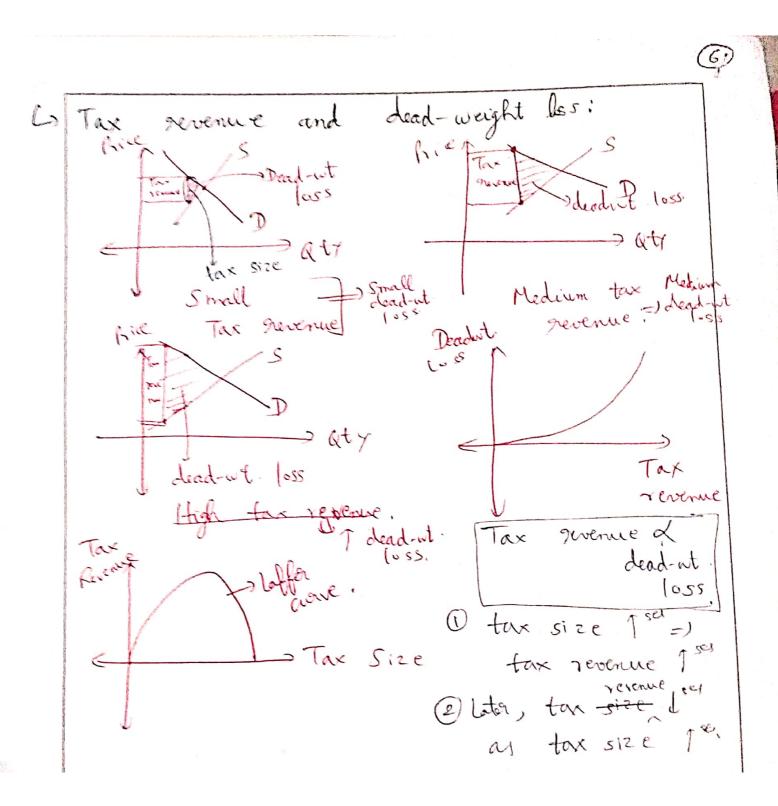
4) How taxes on buyers affect market outcomes? Tax on buyon a demand for cone I at if buyous Both of 1 could of pay 1. Demand grøve shifts down. Qde < Qd. S > price after tax. Dz D1 No. of cones Q2 C DI Slefere taxprice Q2 < Q, Shift in demand curve = Tax levied on buyer. L) Regardless of tax being levied on buyers/ sellers, in the new equilibrium, buyers & Sellers shore the burden of tax. In both cases, what sellers actually receive is equivalent. Tax on layer = Buyer fays his money to Govt. Tax on sellon =) sellon frays his money to the Govt. L) How the burden of the tax is shared for buyers & sellers? Buyers share Ribyers -S 1 burden of Case -(i) pay Tox tax as they pay Clastic >> P (Edore transprice) supply, but sellow receive Sellors recave indute -> No. of cones demand foodward some ant < 1,

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& supply, elastic demand Case-(i): Inelactic Buyers pay [neceive Sollors Buyers pay little >1 but sellers receive = what they received @ P = 1 Sellers shore I burden of tax. L) Elasticities of supply & demand curves determines how the burden of tax is shoved b/w bujors & sellers. (consumers) (producers) L) Dead-weight losses of tax -> effects of tax: Tax places a wedge b/w what buyers actually greceive. hay & what sellers buyers a frice surdye S L) Consumer Surplus = Ant consumers are willing to pay for the good -(benefit of consumer) What they actually pay for it-GProducer Sorphis = Amt producers actually receive for their good-whole actual price of the good. (benefit forducer)

Manner of economic welfare 4) Consumer Stypius Producer Supplus (PS) Ly Tax grevenue Grovt. collecti: Voten of the redage Price = Tax (T) x Qty sold DQ ty Suplus (TS) = CS+PS+tw(if any) in TS = STS with tax - TS withcont tax (Fall) deadweight loss of tax. aderduit CS = W.T.T. demand loss tox. = A+B+C -> aty PS = wr.t. suply = D+ E+F. Qu With tax Without fox A-Media A+B+C CS DTETF 15 B+P None Tax 1 +F+B+D AtBtCt TS DTETF Change in TS= - (C+E) = full in TSt deader. Taxes hence impose deadweight loss.





Income Tax: > Tax on income of pri I incontive to same. lost income compounds over time - letter to lax concumption than income. Consumption tax (like VAT) =) grettere incentive to save, long-gun eco. growth & better for individuals, retirement income secrety. Administrative borden: -> time 2 money the spend to comply with tax laws. => Eg: Hiring CAI to reduce one's tax broaden. Equity -> distributing the burden of taxes Mæriage Tax / march Penalty: (Couples with same) fairly. -> Rise in the tax paid by a family when both the members of the family earn. -> Eg: 25%. -> income tax. First \$20,000 not Naina & Sameer Both even \$50,000. -laxed. =) When they are unmarried, each pay tax = 25 x (50,000 - 20,000) = \$15,000

Total income of their family= (\$50,000) X2 moderal = \$100,000. xpl) Tax paid = 25 x (100,000-20,000) if first exempted from = 25 × 80,000 Hox, then no rociage poralt =\$20,000 :. Marriage fax = \$\$5,000 (20% of joint Mossinge Subsidy: (complet with different incomes) income = tax after madriage). in the tax bill after movinge happens when only I member of a family carns. If this policy is applied to all, for families where only I member eans. Eg: 25% tax, first \$40,000 exempted for moduled ppl and \$20,000 exempted for Islami unmaduled. Someon, earns \$ 100,000 while mains sum by No tax) earns \$0. Before maduage, (strong 50 => No tax) tax paid by Samoon = 25 (100,000 - 20,000) paid by Nota Samo = 25 (100,000- 40,000) marriage, sid A Ster tax = \$45,000. Mooringe Subridy = \$5000 (I in tax bill)

4 Morriage Taxes & subsidies cannot be avoided as it is mathematically impossible to: -> Ensure that 2 different couples with the Same total income pay same tax. -> Marital status does not affect a couples tax bill -> No incone => No taxer. - 1 income tax-payors pay 1 fraction of their income than I income tox-payers. Ly Tax incidence & Tax equity: -> 1 tax on sellors for elastic goods -> all selbers ave not suich. -> So, tax incidence -> decided based on vertical equity. L) Corporate Income Tax: -> tax imposed by the fart on a corporate. more like a tox alletor. =) corporate is -) Eq: Tax on a con company =) I forice of cos, I supply of corr , I investment of cars I employing auto workers = burden on ppl buying cars.

Flat Taxes:

Tax system in which emorginal tox site is come

for all tax-payers.

Theorem above a contain thousheld a) toxed (a) cont.

Tote

Threshold a) tax system a) fourgessive.

Radically suchuces administrative boden.

Not useful for people who limit from accountants or body read for deductions.

DESIGN OF THE TAX SYSTEM. [Efficient tax system = imposes I deadut. losses and I administrative broiders. Teffeciency & 4 Avg. tax rate = Total taxes paid Total income 6) Marginal tax rate = STax paid due to Adella of income by 1. Eg: A earns \$60,000. Gost. - for first \$50,000, tax is 20% & >\$50,000 -> 50% each then A pays \$15,000 tax (avg. tax). Avg. tax rate= 15000 = 25%. Marginal tax rate = 50%. 4 Lump-sum tax: tax is imposed by the Govt. on everyone irrespective of their earnings. -> Most efficient tax possible, (efficiency with equity -> Does not distort incentives. A person's today decision does not after the ant. he ower =) - Dearning all'al lump-sum tax - I deadut. loss. - J admin brordens - Same tax charged on how & rich unfair. -) &; \$50,000 -) income . Avg. tax +> 20% + \$4000 lump-sum tax. At in prev. Eg., the person pays 15,000 + 4000=19000 tax to Govt. -> Marginal tax rate=0.

) as tax paid = const. even when income T by \$1.

principles of Taxation:

-The Benefite forinciple:

· People should pay taxes to the Got. based on the benefits they neceive from the Got.

· leofile who sieceive I benefits from Givt. =) must fray I tax.

Eg: - Rich ppl have I to fortest = they use police force I = they must pay I tax.

· People who receive I benefits from Govet -) pay I tax for the public goods.

Eg: - Poor have I to partect @ home =) pay I

fax.

· Fg: -> People who own vehicles -> T petrol => they must pay T petrol taxes & there , used to build groads which these ppl use.

-> The Ability-To-Pay forinciple:

· A tax must be levied on a person based on how much braden the taxpayor can shoulder.

- All the citizens -) equal sacrefice -) for the

country.

· Tax - based on citizens' income & other circums tancel. [Pour -> tax = \$ 1000] = [Rich-stax = \$ 10,000

