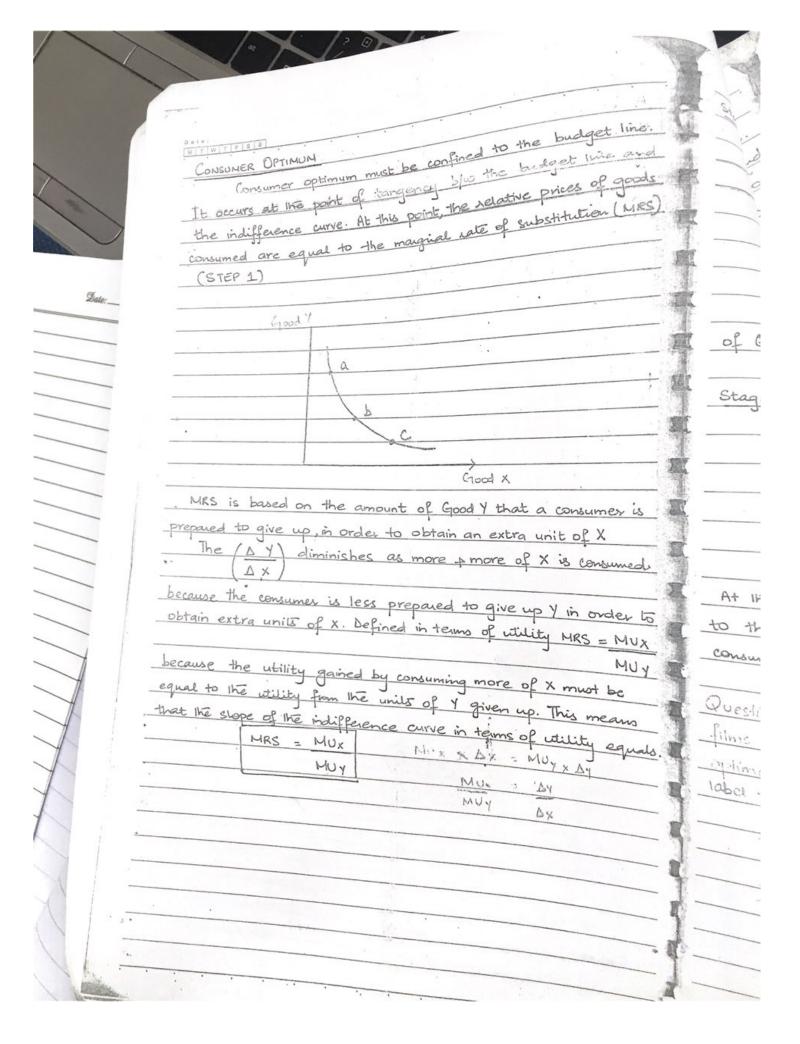
imperfect. The value of money changes with changing person inherits a great deal changed Great emphasis on rational consumer behaviour maximization. This may not always explain behaviour. When we consider inputs like advertising, peer pressure and impulse buying etc price falls, his real income effectively rises. alue liture INDIFFERENCE CURVE ANALYSIS INCOME + SUBSTITUTION EFFECT) Indifference curve analysis adopts an ordinal approach which ish means that it follows a ranking procedure which does not depend on the precise measurement of utility. It ranks one combination of goods, relative to any other combination in terms of total satisfaction. This analysis uses indifference eures budget lines to evolve income and substitution effects that provide an alternative theory explaining the downward sloping demand curve. Unlike utility theory, which quantifies how much a consumer is better or worse off, consumer indifference analysis shows preferences in favour of one bundle of goods over another. All the following combinations of Good A and of Good B yield the same total whility

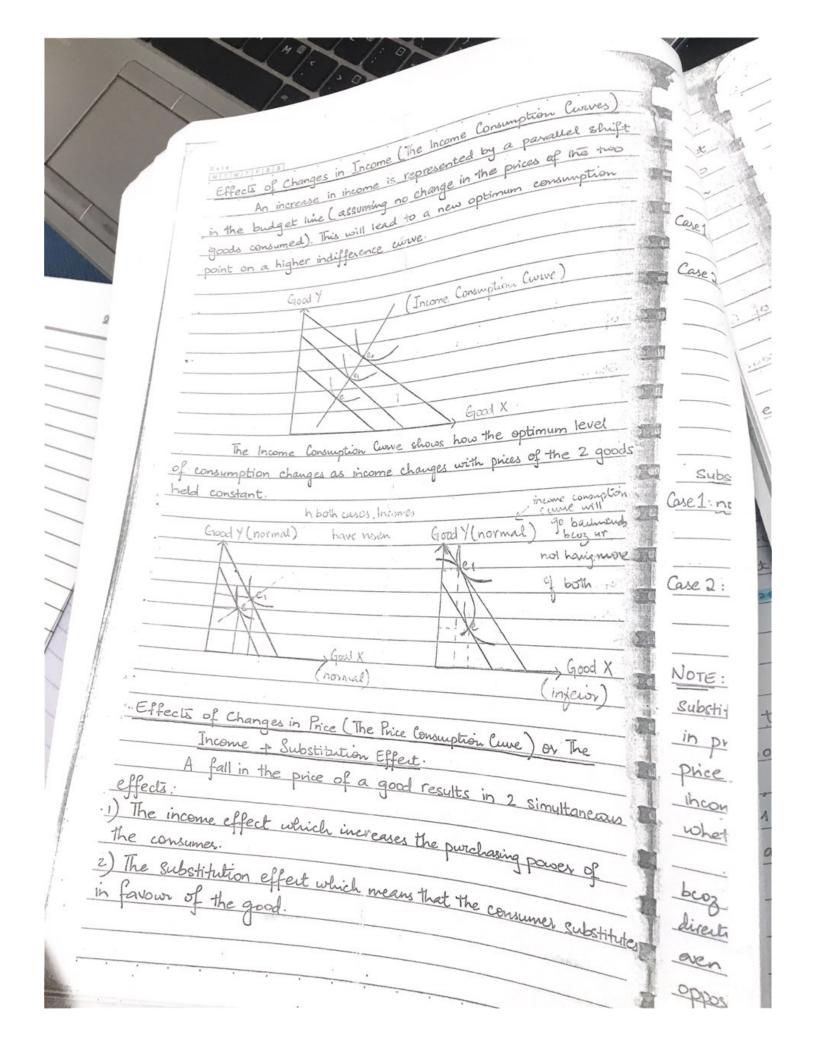
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1.	SUBSTITUTION (MRS)	which is sela	ted to 11	el Rate of
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is m	Substitution (MRS) which is related to the Marginal Rate of marginal utility. As a consumer gives up units of A for a liminishing M.U. for A increases of P			
ar	marginal utility. As a consumer gives up units of A for B his M.U. for A increases + for B, falls. As more + more units of B for each addition			
no ar	e eonsumed, he u	oill be less -	more & more	inity of a
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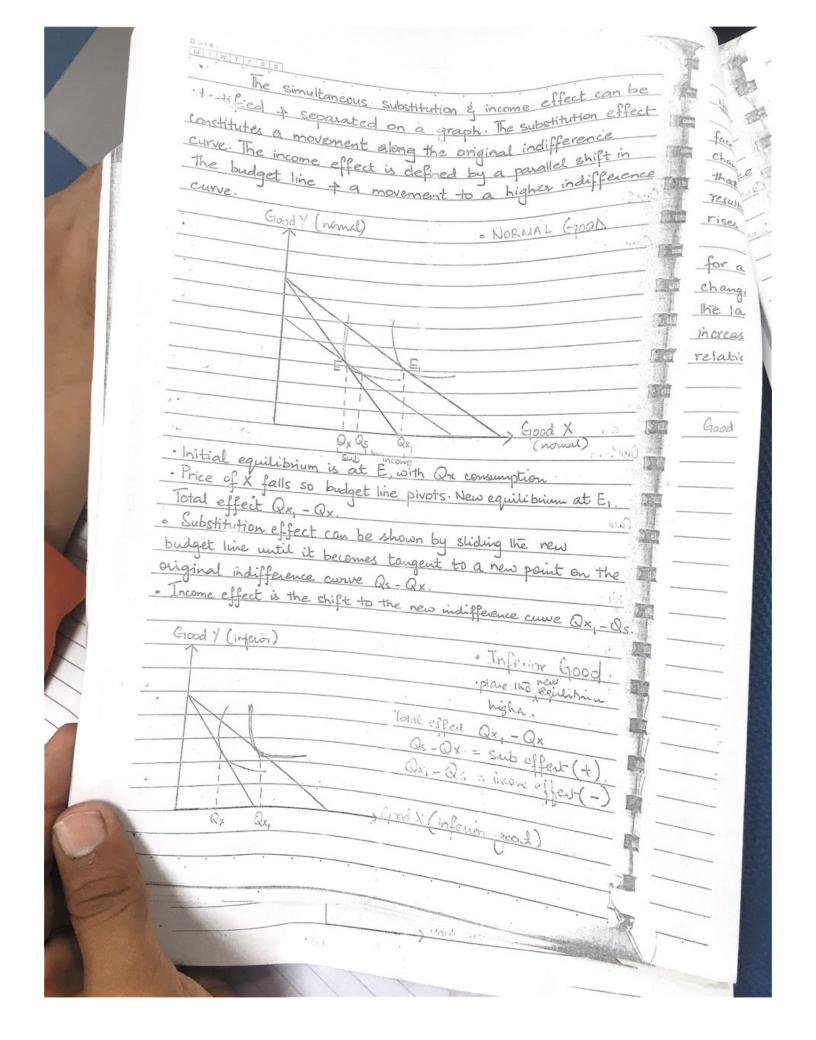
MTWTFSS "EXCEPTIONAL INDIFFERENCE CURVES" Good Y -> you don't MRS = 1 really core Incase of perfect substitutes, indifference curves take the shape of negatively sloped straight lines. Here the consumer cares about total number of Good x + Good y that they have, not whether they're getting more of X or Y - so the in difference curves are straight lines. Grood Y MRS = of Groce X when 2 goods are perfect complements, the st indifference curves take the shape of right angles. Having more of Good Y does not increase your utility unless you increase x as well e.g. pair of shoes (left + right) Good Y This graph shows neutral goods. Like the consumer does not have any options, so all thatmatters is the amount of Good X , Grood x he has, his utility does not incressedy homas more you don't smoke - voice to it's -for chique is the

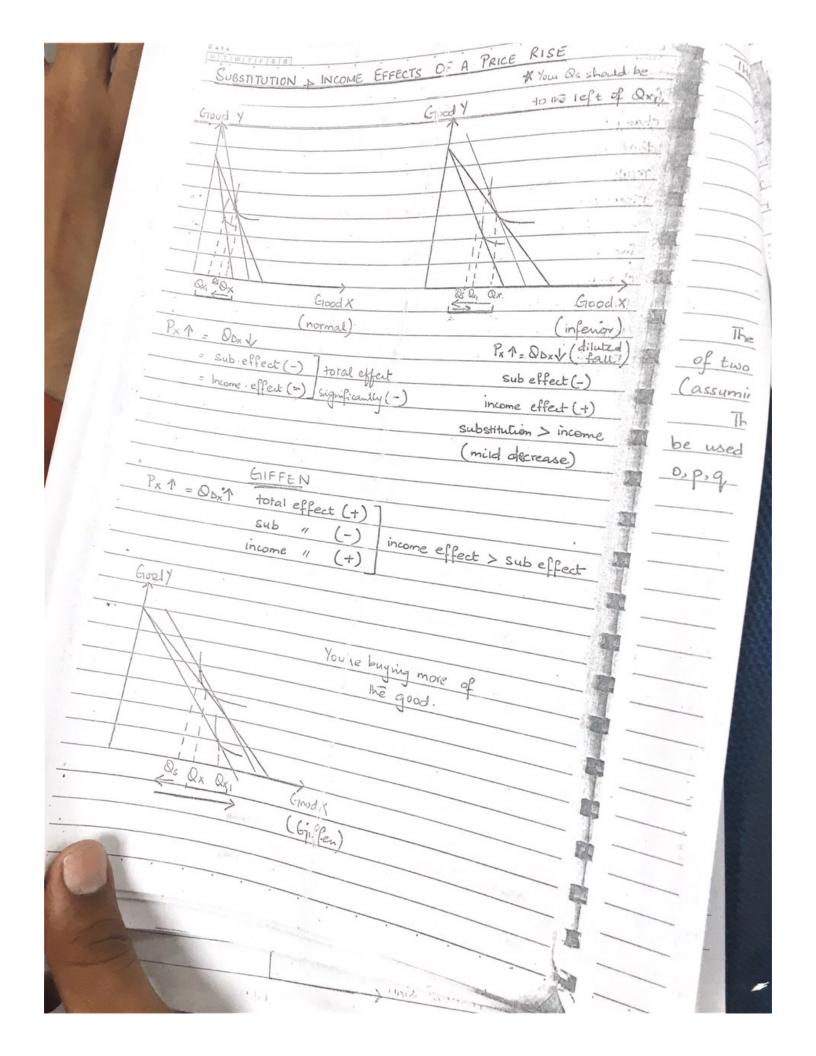
BUDGET LINES & BUDGET CONSTRAINTS A major strength of indifference analysis is that it shows the constraints or the limited consumption possibility/potential. facing each consumer. A consumer buying 2 goods, X & Y, will have to consider both, his income as well as the prices of the goods before he decides which combination of X & Y, he will consume. Good Y AB = original budget line A1B1 = Consumer income has decreased A2B2 = consumer income has decreased Good X Good X



Stage 2 Good Y Good X The slope of the budget live is the ratio of the price of Good X to the price of Good Y, or, Px Stage 3 Good Y count of Glood Y At the point of tangency the slope of the budget line er to YUX MUY MUY Question: A consumer's income is & so. Food cost & which and films cost of 2 funit. Error a built jet like and choose funit e its w optimal initial consumption. Suppose the price of food fair to 22.50. label the new consumption pointers en Films







Date: THE PRICE CONSUMPTION CURVE & THE DERIVATION OF THE DEMAND CURVE Ground Y Price consumption conve AB = original budget line As price of Good x falls, budget line pivots to ABI, ABz etc Good X opq, to yield a price consuption curve The price consumption curve shows how optimum level of consumption of two goods changes as the frice of one of the two goods changes (assuming nominal income + piece of the other good, unchanged) price changes + the price consuption curve can cure of a product. Note that points establishing price and quantity relationships. Good Y Good X Good Y Good X Q Q Qq

Summation of all individual demand curves in the man inat the market demand curve is also negatively slaped. Cir NOTE: Individual demand curve is the same as a consumer's marginal utility curve. when the price of a good is high, a person conse falls person consumes less and his M.U. is high. As price falls, consumption rises but this causes M.U. to fall. This means that M.U. measured in terms of price shows the same relationship with quantity demanded as price itself. TIE-UP CONCEPTS: The negative slope of the demand curve has an (i) Consumer Surplus + Utility: interesting consequence. Consumers pay less than they would be willing to pay for the total amount of any product that they of Tatal that difference b/w what they are willing to pay (Value of Total utility) and what they actually pay (total expenditure) is their consumer surplus. (ii) Elasticity + Utility Utility can explain elasticity variations when we distinguish between indispensable goods with inelastic demand (eq. food, petrol) and dispensable goods with elastic demand (electronics, jewellery) Indispensable goods have a large area under the demand curve showing large total whility derived. Despensible goods have Shallower demand curves so that total whility is much lower. Elasticity however is not dependent on total utility but rather marginal utility. It depends on the value consumers place on having a little more or a little less of the product. EVALUATION OF UTILITY THEORY 1. The need to place precise & absolute figures on T.U. and M.U. is bound to create problems. In practical terms this involves an arbitrary and subjective allocation of measurement. Even when