Mona Assistant Professor Department of Economics Maharaja College, Ara Veer Kunwar Singh University B.A. Economics Part-1 Topic: Types of isoquant Email address:monapryal2223@gmail.com

Types of isoquant:

Appointments/Meetings/Planning - ISOquart / Equal Boduction Curres/ Boduction ipoquant cuore Isoquant curves are similar to the indifference curve of the theory of consumer's behaviour. An equal isoquant cuese sepseients ell those input combi--nations which are capable of producing the same level it is called iso + quant = Equal of output. that's why quantity types based · The Production isoquant can be of different substitute billy :> on the degree of i). Linear apoquant: NY 1 1 Ebour (L) x (K) capital 0 Of production. A given commodily map be produced by IMPORTANT NOTES Combination 9 by an infinite only capital, or Wing End L. 2017 K Reach Your Goals, Avoid Disappointment.

Appointments / Meetings / Planning II) Input - Output Isoquart : -YA 10 Capilal Q 12 X 0 Izbour et essumes étuet complementey i.e., Zero substitutabi 3 of Jachon of production. These is only one me production for any one commedily the isoquant lakes a sight angle. the chape 5 is also when it " Leonlief isoquant othip isoquant and uped thedel by the Leonligt in I-D P1 P (ii) Kinked Isaquent P3 Cupital IMPORTANT NOTES PL The best way to have agood idea is to have lots of ideas. 2017 X 1 abour

> Based on limited substitutability of K& L. ppointments / Meetings / Planning > Substitutzbility of the factor possible IB only a isoquant called "activity > This form of "or " Linear - prosodraming Enzypip- isoquant because it is besidely isogleant? used in linear programming) - at is more seletistic is optionant used by engineer, managers, produces used it because Convex Isoguant W). Smooth it is discrete rethen than continous. V I appear smooth & convex to ousin. Cabital XC (K) B SXC tabour (L) D > based on the continuous substitutebility KGL only oper a certain range, beyond which Jacksr substituted each other Be (an not IMPORTANT NOTES -> Traditional economic theory has mostly adopted the continuous ipoquant, because they are mathematically simples to handle by the simple sules. If calcular. 2017 Better to do something imperfectly than to do nothing flawlessly.

Appointments/Meetings/Planning · Properties of epoquant:--> Negalively inclined -> I poquart lying above and to the right of another represents a higher output level. → No wo iso-quant can intersects each other. → No isoquant can touch either axis. -> convex to origin. · Elzehichty of Subetitution: The elasticity of euberitution is defined as the % change in K/2 ratio divided by % change in MRS. = d(k/L)/(k/L)6 d(MRS)/(MRS) O= elasticity of substitution K 2 CEpited MPORTANT NOTES 6 2 Leyour. prost interness Marginal rate of publichation = MRS K/L = cepital labou retio 017