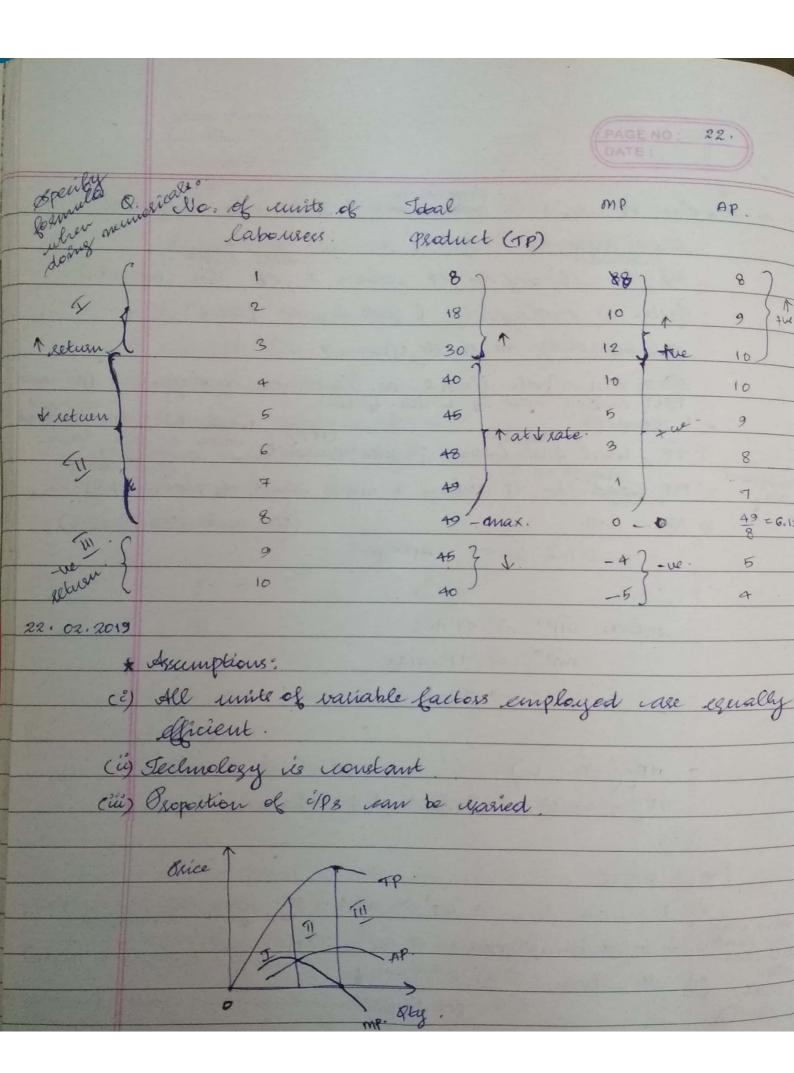
PAGE NO: 21. 21.02.200 + Law of variable production / Returns to a factor Block sun pot? fu. :
measures
the change in of when 1 of the variable factor is employed (seest 1 was, factor) Possible only in shost sun Pate employ more of 1 war factor.

Pate employed of 1 war factor.

Produced

Produced marginal wasiable factor employed. (per unit va. factor). 3) AP - TP when mp+ =) TPA MP° > TP max. MP- => TP V. TP=(K, L). X2) rapital is constant. TP ; total pdt produced by labour. to 3 stages; -> mp+ > TPA (set more return /o/p than 1) A return on soules) I /diminishing setuen -> MP° => TPmax. (increase at a decreasing sate) 3) - Me seturn -> MP => TP + (set lesa return than the factor employed



Dage I: It's at the stage of Ning return. During this stage, mp incleases, TP increases cat an increasing rate First stage continues till MP = AP. Mese AP is calso meseasing. Lage II: This stage of dimnishing relevent decreasing seturn. During this stage mp ideacases to TP increases at ia idecreasing sate. and stage ends when mr=0. When MP = 0, IP is not its maximum. Chage Ti : Blaze of - we return. Mere mp becomes - we TP stasts declining. · Relation Dev mp do TP: mp+ -> TPT mp => The max. mp -> TP V o MP AP relation: ellen MP > AP 1 AP 1 99 MP = AP 5 AP max. even mp < AP 1. Stage blu Ist le 2nd is best when chosen sationally To ed stage - edectasing +P. AP. MP. D very pass graductivity est promotional eactivity - more focus or lesser focus on building the product.

PAGE NO: 24. the Reasons for different seturus: When polt. Process move towards optimal combination efficiency of factors 1 to producer egets increasing Letuen, 1 geturn operates because & 2 reasons: 1) In the beginning there'll be large gly of fixed laters Les of wariable factor. letten more la more unit col variable factor is combined with fixed factor efficiency of fixed factor 13. 2) When the nos of units of war, factor As there es a possibility of division of labour de specialization. This gives 1 ing seturn I may ", Once pdt? attain max." Siciency with optimal combination of 4p, fuethar 1 in the variable factor regill add less to the total get. The man deason of dimenishing seturn is that factors thouse not gesfect substitutes ce 1 in 1 vas. factor calone cannot compensate for other factors -ve setuen / - ne op is the sesult of employment of -ree Retuen the was factor to a meaningless extend that result in the I of TP. The stage of we return can also he seen viewed as a stage of ting east is comployment of variable factor leads to cadditional

