August Losch Modification of CPT Model (1940's - 50's)

- Isotropic surface
- Economic & Rational Man
- Perfect competition
- There are 4 modifications that Losch applies -

a] He considers the possibility of 150 K values unlike Christaller's only 3 K values.

b] He accounts for [illegible] functions also

c] The K values of Losch are more continuous & not discrete

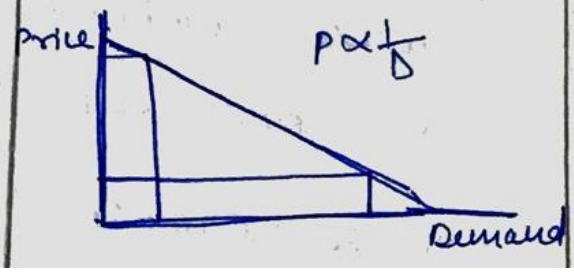
edukemy
SUCCESS MEETS YOU

Christaller's CPT	Losch's CPT
① O.R Model	① O.R Model
② Profit Maximisation	② Profit Maximisation
③ Economic Man	③ Economic Man
④ Perfect Competition, Demand & Supply Balance, Price is Fixed & Profit Maximisation	④ Profit Maximisation by Revenue Maximisation that is achieved in 2 ways -

fixed & Profit maximisat" by least cost (reducing transportat" cost)

ways –

① Lowering price & expanding consumer base. There is an inverse relationship b/w Price & Demand



* Monopolies according to Losch are actually efficient systems because in Monopoly there is no predatory pricing & price wars which ultimately destroys Economy

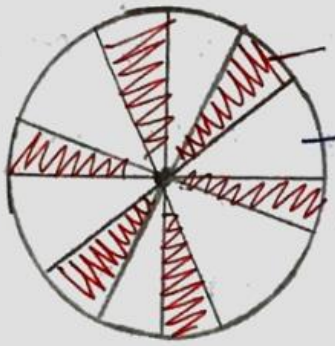
[Advantages of Agglomeration :-

* Inputs can be shared
* Common Labour Market all can benefit from
* Common Consumer Base
* More Innovat" due to competition]

Method of arranging more efficient settlement

- This was diff. for Losch then Christaller's Model
- Christaller's approaches Top to Bottom & his technique is used for planning.
- On the other hand, Losch maps existing central places & arrives at most efficient organisat^n based on maximum overlap of central place. The overlaps represents agglomerations & based on concentrat^n of central places, Losch planned location of

of higher order central places.



- The settlement space as organised by Losch resembles 12 sector - 6 sector with more concentrat" of central places (City Rich Region) 6 sector with less concentrat" of central places (City Poor Region) arranged alternatively as shown in the diagram

... effectively demons

as shown by

- This model of Losch very effectively demonstrate how related function can agglomerate & function that repel stays farthest apart
Losch Model is closer to reality as compared to Christaller's Model

Reference - P427/P431 (Human Geo by M. Husain)
↳ Urban Morphology - Concentric Zonate Model
pg 468/465 - Christaller's Theory
pg 475 - Summary of Christaller