as in 1st degree price disculation P-MC the people from paying a higher price for puying higher pure than the manging case higher economic welface as was it somes (c) yes, the paire disentimination leads to

a) P = 86 - a a) P = 86 - a a) P = 12a, c (a2)

Ca,) = 12a, C(a2)=12a2 Revenue (R) = P. Q = (36-Q) Q = (369-Q2)

MR - 018 - 36-29

Now,

Prefit functions

The (86-9,-92) 9,- 129,

The (86-9,-92) 9,- 129,

both the sellow on on best supply function. Equilibrium is established when 2

b) With 3nd degree price discritinging Hon,

MRI = MC & WZZ = MC

Q1 = 24-2P1

-12-0.58 P. = 24- A.

TR, = P, x Q 1 : 12 9, -0.50,2

MR, = dTR, -- 12-8,

-1 6, -10 12-0, = 2

+ 12-428 (8x5.0) 12-40

· ho PHOFIT

Qx KP-MC)

= 8 x (8-8):48

Q 2 = 14-P2

-> P2 = 14 - B2

-1262-62 TRZ. PXQ2

MR2 . dTR2/dQ2 . 14-2Q2

16-202-2

-> B - 28 C-

40 12-14-8 Pringic - 8xet = 32

Total Profit - 32548-80

11) They reduce the amount of homogenous prieduct (4) III) Momeoven, the firms can stop having identical prices. IV) of the cost neduces to manginal cost, then, there Lo, from should distinguish itself through broading and not produce in endered unlimited copacity. is zerto economic advantage and even negative effect

SECTION-B

3 By = 14-Pz Q1 - 24-2P,

Monepolitric , tost function,

MC dC(a)= 2

30, Q: 38-3P => P= (38-0)/3

an, first degree price discrimination P= MC

(38-0)/3:2

=> 38-8 = 6

25 = 0

5 = NK = 2

So with no price discrimination P> MC

lower the dernand. So, the company aiming to make prite and demand when slight inervase in pulse can mone priests on practice price discrimination will find it difficult to sell its product. If the price memoring inclosific, then the firm can sell the product of phice classicity is the Helationehip between the higher mangin at maximum value.

can sell it at maximum price, while if you no matter what the pulce is and hence, the firm one a feed brond and you sell at higher margin, demand for your brand will fall and you have For excumple - Medicine will have the some demand to sell according to consumer demand prince.

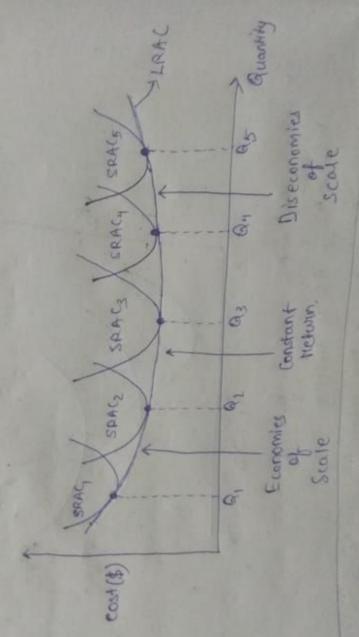
which Heach a state of Nosh equilibrium on, it takes enly two firms to set up perfect competition, they so by under cutting prices extensively, finally Bent Hand Panadox in Oligopely referre to two fithers thanging price equal to the manginal cost.

from the monopolistic price but stays at the same firms go from one to two, the price decreases as the number of evel as no of firms increases. We result in such paradox

not giving of untimited capacity. Paradox who By not of wing of untimited copociti

HELULIS in decrease in cost per unit of output of goods can be prioduced in longer scale with fewer input costs. Here, an increase in units Economies of scale occury when more units

size increases to a point where norginal cost pen additional unit is high and cost pen unit Diseconemies of Scale occurs when the firm ef output sold increases.



one sold by the same prioriten for different price in different monkets on what the priority Hinks it can make the costoner pay, wouldy the maximum miche economics where the identical out similar goods selling structegy (2) Price discrimination is a

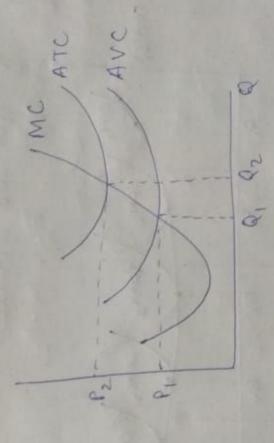
N. Refordant

## [1208M0014] HS1349

MID SEM [SATWIK SRIMANSU SAHOO]

SECTION -A

cost of production that comes from making on producing change in soral one additional onit of product. Manginal Cost of preduction is the



MC = AC, this is the minimum for AUGAC course and is optional firm size. MC < AC is falling MC > AC , AC is Histing do when

MC = ATC, this this the minimum for when MC < ATC , ATC will decline , ATC is increasing MC >ATC