

(ii) The sunk costs of a firm are those costs which have already been committed and cannot be recovered.

eg. The rent paid on land and other infrastructure costs (not including machinery that can be moved) are sunk costs for the firm in question.

A firm must evaluate its sunk costs before a long term decision to exit. The market. Sunk costs are an important role here.

(iii) Economics of scale

Refers to a production model wherein the long-run average total cost goes down with increase in quantity of units produced.

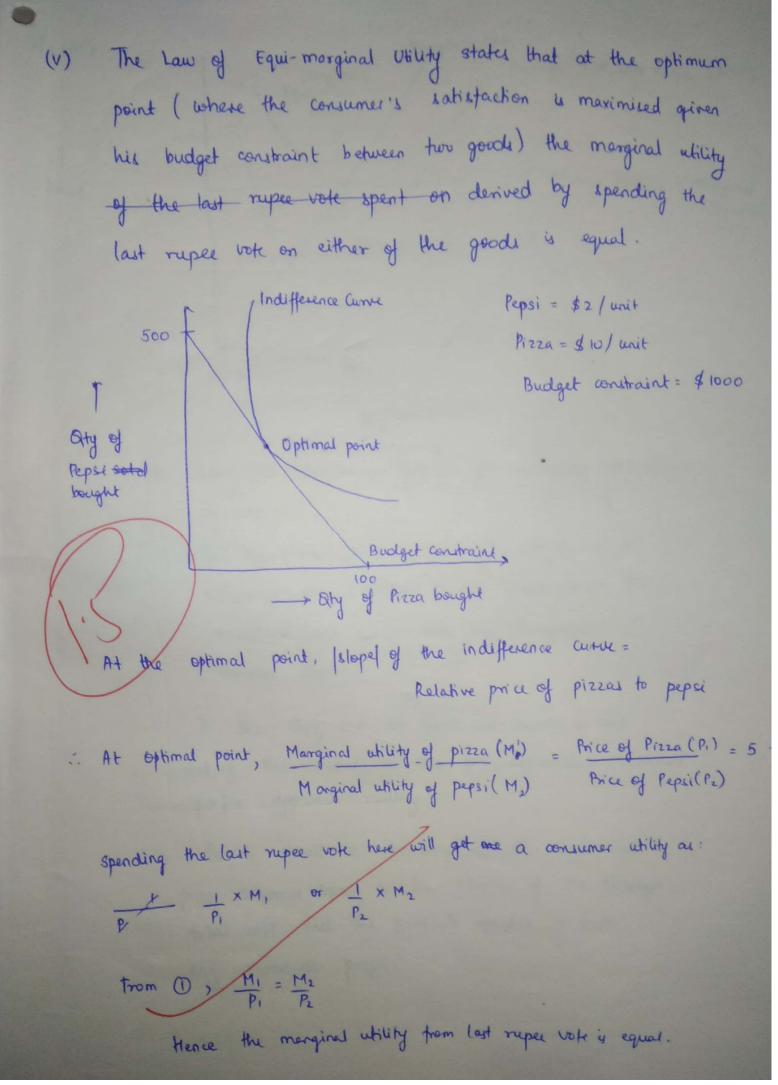
eg. Any natural monopoly is shows this characteristic.

Moseover, & most firms operat providing engineering goods operate on 'economies of scale'.

Economies of Scope

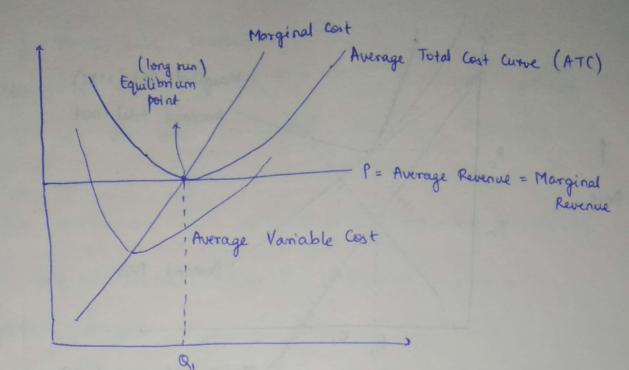
Refers to a production model wherein the production of two diverse products is cheaper if done by a single firm. , than the separate in dependent production of the products by different entities.

eg. By producing both burgers and French fies, McDoralds is able to while the same resources for storage and bansport, thereby decreasing production with.





Price



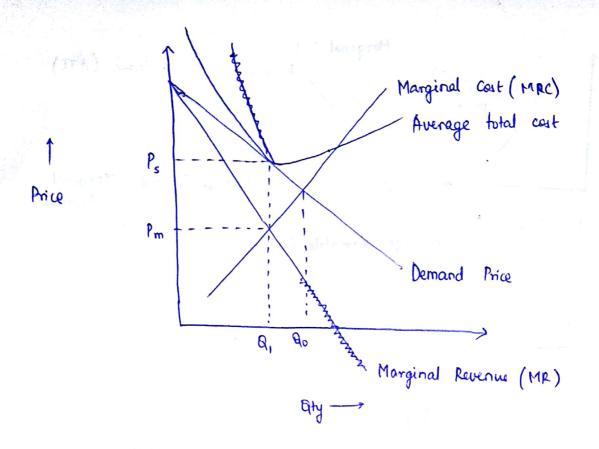
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1. Long run equilibrium point for perfectly competitive market.

The equilibrium point is where the profits of the company are maximum is the point where the morginal cost curve cuts the morginal revenue curve.

In the long run, to firm the driven in and out of the market as the price approaches economic profits approach rullity.

As a result, in the long run the equilibrium price becomes equal to the minima of the average total cost and the firm is unable to make any economic profit.



(2). Long run equilibrium point for monopolistic competition
With the aim of maximising profits, the firm operates
on quantity Q, such that MR = MC.

Distinguishing factor: In the acc case of monopolistic competition

(a) however, the demand curve, unlike that for perket

competition, is downword sloping.

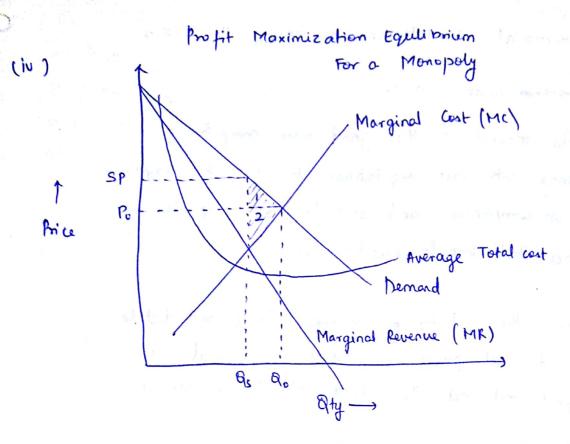
- (b) Moreover, the demand price for case (2) is greater than the marginal product revenue while the two are equal for case (1)
- (1) In a competitive market, at long run equilibrium, the price is equal to the marginal cost, while in a monopolistic competition set up, the price is greater. (Ps > Pm) then the marginal cost at that quantity.

(e) In case of monopolistic competition, the quantity sold at

the equilibrium price point is less than the social optimum which is not the case for perfect competion, whose the two are equal.

(e) In case (1), equilibrium occurs at minima of ATC, not in case (2)

In the long run, however, even the firm operating in a monopolistic competion has zero economic profit as average total cost at Q1 becomes equal to the price of Q1 & tangent to the Price of Demond curve.



A monopoly has a single from which is a price taker. It faces a downtword sloping demand curve and to maximise profits, it chooses to operate at Q = Qs, where MR = MC.

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As a result, the firm sells its goods at Price = SP. (rentically above point of MC2 MF intersect) In such a scenario, the quantity of good sold is lever (as) than the 90 as the firm charges a higher price (SP) the P., the price for maximum social welfare.

This leads to a low in social welfare represented by the deadweight loss in oneas 1 & 2. It is very similair to the deadweight loss due to taxation, but while the former raises tax revenue for the government, the dandweight former helps the monopolist occrue profit, hence giving the firm Economic profit in the long run, which is zero in perket

The Crowernment can intervene to consect this issue

- (#) The g Government can :-
 - (1) Make the market for the good more competitive by using onti-Trust regulations to prevent margers, break up companies and stop firms from performing activities that impede competitiveness.
 - (ii) Regulate the activity of moropoly firms and distate them to set prices such that they equal the marginal cost and the deadweight loss is reduced.
 - (iii) Make a private monopoly a public enterprise. eg. The Railway and postal services in India are public sector enterprises
 - If the loss of social welfare is insignificant in comparison to the imperfections of public policy, the firm may choose to do nothing at all -

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Mariant product to the same

- 3. UI True
 - (ii) True
 - (iii) True e
 - (iv) True
 - (v) True
 - (vi) False
 - (vii) To
 - (viri) False
 - (lx) True
 - (x) True,
 - (xi) True,
 - (xii) True
- 4. (i) decrease
 - (ii) isoquent
 - itii, Cartel
 - (11) Duopoly
 - (v) income.
 - (vi) zeros
 - (vii) substitution
 - (viii) welfare
 - (ix) overage
 - (x) Production

- 5. (1) D
 - ()í) A
 - (hi) B
 - (iv) C
 - (v) C
 - (vi) C
 - cii) D
 - (viii) B
 - (ix) R
 - (x) D

