MODULE: PMIC6111

TEXTBOOK REFERENCE: Chapter 12 pgs 223 - 239 **THEME:** Perfect Competition

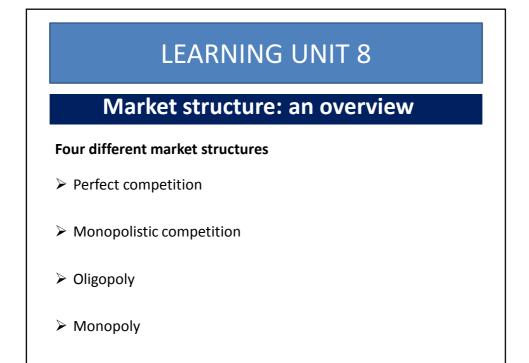
OBJECTIVES: By end of Learning Unit 8 – you should know the following:

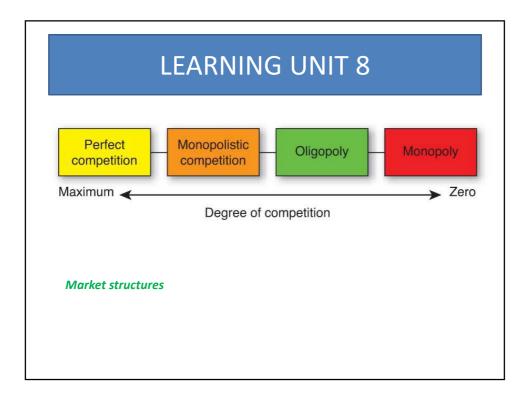
- Define perfect competition.
- Conditions which have to be met for perfect competition to exist.
- Draw the demand curve for the product of the firm.
- Draw the marginal and average cost curves of a firm.
- Explain the short run equilibrium condition for a perfectly competitive firm.

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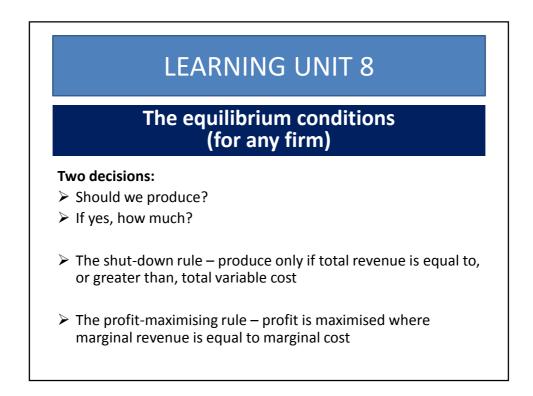
OBJECTIVES continued:

- Explain why profits are maximised only on the rising part of the MC curve.
- Identify whether a firm is making an economic profit, normal or loss.
- Illustrate different profit conditions for a firm which is in equilibrium.
- Explain the supply curve of the firm and market supply curve.
- Describe the long-run equilibrium of the firm and the industry under perfect competition.





| LEARNING UNIT 8 Key features of a market structure: | | | | |
|--|--|---|---|---|
| | | | | |
| Number of firms | So many that no firm can influence the market price | So many that each firm thinks others will not detect its actions | So few that each firm must consider the others' actions and reactions | One |
| Nature of product | Homogeneous/ standardised | Heterogeneous/ differentiated | Homogeneous or heterogeneous | A unique product with no close substitutes |
| Entry | Completely free | Free | Varies from free to restricted | Completely blocked |
| Information | Complete | Incomplete | Incomplete | Complete |
| Collusion | Impossible | Impossible | Possible | Irrelevant |
| Firm's control over the price of the product | None | Some | Considerable, but less than in monopoly | Considerable, bu limited by market demand and the goal of profit maximisation |
| Demand curve for the firm's product | Horizontal (perfectly elastic) | Downward- sloping | Downward- sloping, may be kinked | Equals market demand curve: downward-sloping |
| Long-run economic profit | Zero (normal profit only) | Zero (normal profit only) | May be positive | May be positive |
| | Summa | ry of market stru | ictures | |



If MR > MC, output should be expanded

If MR = MC, profits are maximised

If MR < MC, output should be reduced

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Perfect competition

Perfect competition occurs when none of the individual market participants can influence the price of the product

Requirements

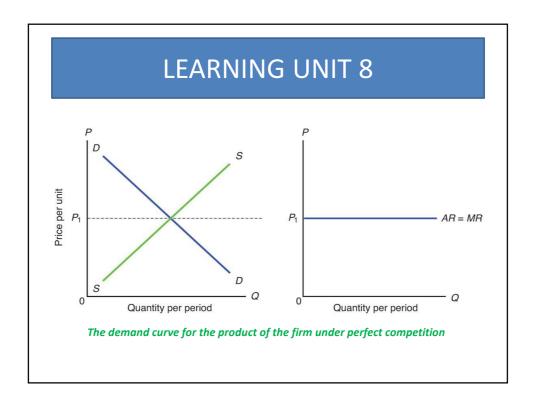
- Large number of buyers and sellers
- ➢ No collusion
- Identical products (homogeneous)
- Complete freedom of entry and exit
- Perfect knowledge
- ➢ No government intervention
- > All factors of production must be perfectly mobile

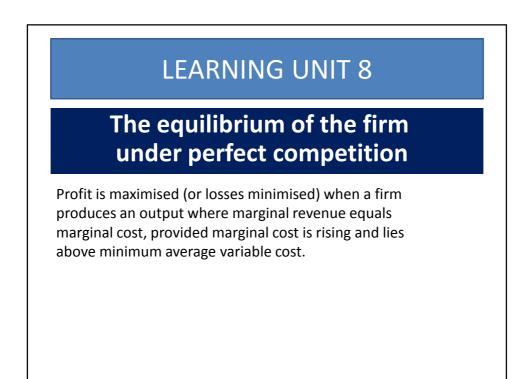
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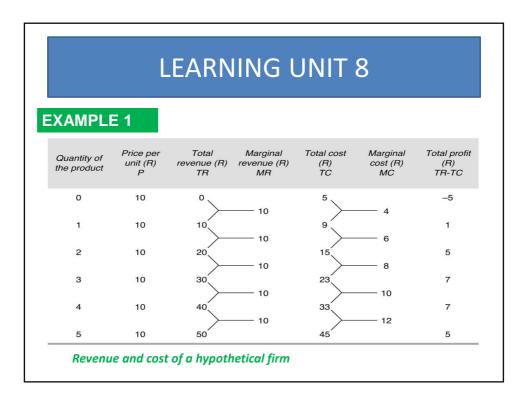
The demand for the product of the firm

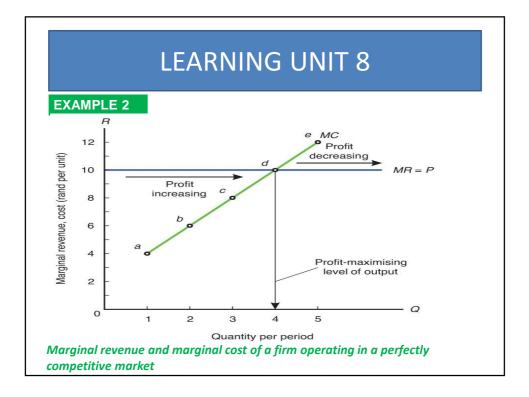
The firm is a price taker

The demand curve for the product of the firm is horizontal (perfectly elastic)









Different possible short-run equilibrium positions of the firm under perfect competition

- Economic profit
- Break even
- Economic loss

