

UNIT 1

SUPPLY AND DEMAND

Demand: Describes quantity of goods and services that consumers are **willing to buy**

- **Law of Demand:** - Change in quantity demanded when one quantity changes

1. Substitution Effect
2. Income Effect
3. Law of Diminishing Marginal Utility

• **3 Reasons (Determinants) of Demand:**

1. **Number and Wealth:**
 - a. Number of Consumers
 - b. Wealth or Income
2. **Price of Related Goods:**
 - Substitutes: Demand for A ↑ Demand for B ↓
 - Complements: Demand for A ↓ Demand for B ↓
3. **Tastes:**
 - Goods: Demand ↑
 - Services: Demand ↓
 - Goods: Demand ↓
 - Services: Demand ↑
4. **Future Expectations:**
 - Demand ↑
 - Demand ↓

Supply: Describes quantity of goods and services that producers are **willing to sell** (Producers)

- **Law of Supply:** - Change in quantity supplied when one quantity changes

• **3 Reasons (Determinants) of Supply:**

1. Technology or Costs (Technology)
2. Prices of Inputs
3. Number of Producers
4. Government Action: Tax or Subsidy
5. Expectations of Future Prices



Market Equilibrium:

$$\frac{QD}{P} = \frac{QS}{P} \quad \text{Market Equilibrium}$$

Supply and Demand

• **Supply:** - the relationship between price and the quantity of a good or service that producers are willing to supply

Factors Affecting Supply:

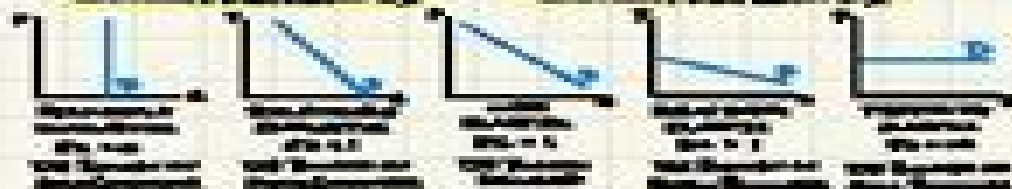
- Technology
- Input Prices
- Number of Producers
- Government Policy

Factors Affecting Demand:

- Income
- Tastes
- Expectations
- Number of Producers

- Price of Related Goods
- Income
- Substitution Effect
- Income Effect
- Number of Producers

- Price of Related Goods
- Income
- Substitution Effect
- Income Effect
- Number of Producers



• **Shifts in Supply:**

• **Shifts in Demand:**

- **Shifts in Supply:** - Change in the quantity of a good or service that producers are willing to supply

$$\frac{QD}{P} = \frac{QS}{P} \quad \text{Market Equilibrium}$$

- **Shifts in Demand:** - Change in the quantity of a good or service that consumers are willing to buy

$$\frac{QD}{P} = \frac{QS}{P} \quad \text{Market Equilibrium}$$

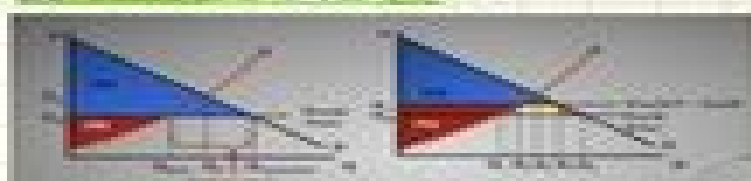
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- Change in the quantity of a good or service that producers are willing to supply

Supply and Demand



Market Equilibrium



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