
A. Engineering & Managerial Economics

1. What is Engineering Economics?
2. What is Scarcity of Resources?
3. What are the Factors of Production? (with explanation)
4. What is Efficient Use of Resources?
5. What is Opportunity Cost? What is the PPF Curve?
6. What is Managerial Economics? How is it related to Engineering Economics?
7. Business Decision Making Problems

B. Demand & Supply Analysis

8. What is Demand? What is Supply?
9. Determinants of Demand and Supply
10. Demand Function, Law of Demand, Demand Schedule
11. Supply Curve, Supply Schedule, Law of Supply, Supply Function
12. Types of Goods (with respect to demand and supply)
13. Market Equilibrium
14. Why is the Demand Curve Downward Sloping?

C. Elasticity of Demand

15. Price Elasticity of Demand
16. Income Elasticity of Demand
17. Cross Elasticity of Demand
18. Different Degrees of Price Elasticity

D. Production & Cost Analysis

19. Law of Return
20. Law of Variable Proportions
21. Law of Returns to Scale (Definition, Causes, Graph – Important)

E. Short-run & Long-run Cost Analysis

22. Total Cost, Average Cost, Marginal Cost
23. Short-run vs Long-run

F. National Income & Inflation

- 24. Circular Flow of Income (Important)
- 25. National Income
- 26. Gross Domestic Product (GDP)
- 27. Gross National Product (GNP)
- 28. Methods of Measuring National Income
- 29. Inflation
- 30. Inflationary Gap
- 31. Excess Demand with Graph
- 32. Meaning of Inflation: Demand-Pull and Cost-Push Inflation
- 33. Difference between Inflationary Gap and Deflationary Gap

G. Market Structures

- 34. Basic Features of:
 - a. Perfect Competition
 - b. Monopoly
 - c. Monopolistic Competition
 - d. Oligopoly
 - e. Monopsony
- 35. Price Discrimination – Monopoly
- 36. Profit Function and Profit Maximization Condition
- 37. Profit Maximization in Perfect Competitive Market vs Monopoly Market
- 38. TR-TC Approach & MR-MC Approach (with Graph)
- 39. Short-run Profit Maximization Equilibrium under Perfect Competition
- 40. Shutdown Point and Breakeven Point
- 41. Sunk Cost
- 42. Short-run Profit Maximization Equilibrium under Monopoly
- 43. Long-run Profit Maximization Condition under Monopoly

H. Basic Accounting Principles

- 44. Accountancy – Single Entry System vs Double Entry System
- 45. Golden Rule of Accounting – Personal, Nominal, and Real Accounts
- 46. Trial Balance and Balance Sheet