

**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**B.Tech. IV Year I Semester Regular & Supplementary Examinations October/November-2025**  
**MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS**  
(Common to ECE, EEE & ME)

**Time: 3 Hours****Max. Marks: 60**

(Answer all Five Units 5 x 12 = 60 Marks)

**UNIT-I**

- 1 a What is Managerial Economics? Briefly explain the role of managerial economics in business decision making. CO1 L2 6M  
b Define Elasticity of demand. Explain various measures of Elasticity of Demand. CO1 L1 6M

**OR**

- 2 Define the elasticity of demand? List out and explain the factors governing elasticity of demand. CO1 L4 12M

**UNIT-II**

- 3 Write short notes on Isoquants its features, Iso cost, least cost combination of inputs and MRTS. CO2 L3 12M

**OR**

- 4 From the following information relating to Hi-Tech publishers, you are required to find out i) Break-even point in units; ii) Margin of Safety. CO2 L5 12M

	Year 1 (in Rs.)	Year 2 (in Rs.)
Sales	50,000	1,20,000
Fixed cost	10,000	20,000
Variable cost	30,000	60,000

**UNIT-III**

- 5 a Discuss various characteristics of market. CO3 L2 6M  
b State the features of Imperfect competition. CO3 L1 6M

**OR**

- 6 Globalization is a means of attaining international standard of living. Do you agree with this statement? CO3 L5 12M

**UNIT-IV**

- 7 a Explain the major sources of Capital. CO4 L2 6M  
b What are advantages and disadvantages of Pay back Method? CO4 L4 6M

**OR**

- 8 From the following particles of two machines each costing Rs. 2,50,000/- suggest which is the best machines and why ? CO4 L5 12M

Years	1	2	3	4
Machine X	90,000	1,60,000	1,20,000	70,000
Machine Y	1,60,000	1,20,000	90,000	50,000

Calculate: i) Pay Back Period; ii) Accounting rate of Return,

**UNIT-V**

- 9 a Write about various types of accounts and their rules governing each account. CO5 L2 6M  
b Brief note on accounting cycle. CO5 L2 6M

**OR**

- 10 Journalize the following transactions in the books of Ms. Mahaveer 2023, Jan 1 Mahaveer commenced business with cash Rs.5,00,000  
2 Purchased goods for cash Rs.20,000  
3 Purchased goods from Mohan Rs.6,000  
7 Paid into bank Rs.5,000  
10 Purchased furniture Rs.2000  
20 Sold goods to Suresh on credit Rs.5,000  
25 Cash sales Rs. 3,500  
26 Paid to Mohan on account Rs.3,000  
31 Paid salaries Rs.2,800 CO5 L5 12M

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