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

**B.Tech IV Year I Semester Regular & Supplementary Examinations Feb-2021**  
**MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS**

(Common to CE, EEE, CSE & AGE)

Time: 3 hours

Max. Marks: 60

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

**UNIT-I**

1 What is Managerial Economics? Define the scope of Managerial Economics. 12M

OR

2 What is Law of Demand? What are its assumptions? 12M

**UNIT-II**

3 Define production function and explain it. 12M

OR

4 Define Break-even point with graph and state the assumptions 12M

**UNIT-III**

5 Define Oligopoly and state the features. 12M

OR

6 What is Imperfect Competition? Describe its features. 12M

**UNIT-IV**

7 Elucidate capital budgeting? Its significance 12M

OR

8 Consider the case of the company with the following two investment alternatives each costing Rs.9 lakhs. The details of cash inflows are as follows: 12M

**Year Project 1 Project 2**

1 3,00,000 6,00,000

2 5,00,000 4,00,000

3 6,00,000 3,00,000

The cost of capital is 10% per year with NPV Method

**UNIT-V**

9 Write a short note on Journal and Ledger with format. 12M

OR

10 a Write short notes on Inventory turnover ratio. 6M

b A firm sold good worth Rs.5,00,000 and its gross profit is 20% of sales value. The inventory at the beginning of the year was Rs. 16,000 and at the end of the year were 14,000. Compute inventory turnover ratio and the inventory holding period 6M

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