

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

B.Tech IV Year I Semester Regular Examinations February-2024
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

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| 1 | a Identify nature of managerial economics through its definitions. | CO1 | L2 | 6M |
| | b Analyze the significance of managerial economics in decision-making. | CO1 | L3 | 6M |

OR

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|---|--|-----|----|----|
| 2 | a List out the contemporary practices of Managerial Economics. | CO1 | L2 | 6M |
| | b Describe the "Law of Demand" and its exceptions. | CO1 | L1 | 6M |

UNIT-II

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| 3 | Define production function. Explain production function with one variable input. | CO2 | L2 | 12M |
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| 4 | A Firm has a fixed cost of Rs 50000/- selling price per unit Rs50/- and variable cost per unit Rs 25/- present level of production is 3500/- units | CO2 | L4 | 12M |
| | i) Determine BEP in terms of volume and also sales value. | | | |
| | ii) Calculate the margin of safety. | | | |

What is the change in BEP and margin of safety if Fixed cost increases from Rs50000/- to Rs60000/-

UNIT-III

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

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| 6 | Illustrate the price and output determination in case of monopoly. | CO3 | L2 | 12M |
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UNIT-IV

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| 7 | a What is capital? Elucidate the over and under capitalization. | CO4 | L3 | 6M |
| | b State the Remedial measures of over and under capitalization. | CO4 | L4 | 6M |

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| 8 | Explain the major sources of Capital. | CO4 | L2 | 12M |
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UNIT-V

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| 9 | Explain briefly about various types of ratios. | CO5 | L2 | 12M |
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OR

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| 10 | Write short notes on Inventory Turnover Ratio and Inventory holding periods. And also calculate with following data. A Firm sold goods worth Rs 5, 00,000 and its gross profit is 20 percent of sales value. The inventory at the beginning of the year was Rs 16000 and at end of the year was 14000. | CO5 | L5 | 12M |
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