

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

B.Tech. II Year II Semester Regular Examinations July/August-2025

MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS

(Common to CAD, CSE, CCC, CIC, CE, EEE & ECE)

Time: 3 Hours

Max. Marks: 70

PART-A

(Answer all the Questions 10 x 2 = 20 Marks)

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|---|---|---|-----|----|----|
| 1 | a | What is Law of Demand? | CO1 | L1 | 2M |
| | b | List out the different Interdisciplinary areas. | CO1 | L1 | 2M |
| | c | What are the features of Isoquants? | CO2 | L1 | 2M |
| | d | Define Production function with one variable. | CO2 | L1 | 2M |
| | e | What do you mean by partnership Deed? | CO3 | L1 | 2M |
| | f | Define Market Structure. | CO3 | L1 | 2M |
| | g | Define Net Present Value. | CO4 | L1 | 2M |
| | h | List out the examples of current Assets. | CO4 | L3 | 2M |
| | i | Define Journal. | CO5 | L1 | 2M |
| | j | Write the formula for Current Ratio. | CO5 | L1 | 2M |

PART-B

(Answer all Five Units 5 x 10 = 50 Marks)

UNIT-I

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|---|--|---|-----|----|-----|
| 2 | | Define Demand Forecasting and explain the factors Governing Demand Forecasting. | CO1 | L2 | 10M |
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| 3 | a | Discuss in detail about the nature of Managerial Economics. | CO1 | L2 | 5M |
| | b | Narrate the significance of Managerial Economics in decision making. | CO1 | L1 | 5M |

UNIT-II

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| 4 | | Explain production function with one variable in short run with suitable example. | CO2 | L1 | 10M |
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OR

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| 5 | a | Discuss in detail about Break even analysis? | CO2 | L2 | 5M |
| | b | Calculate Break even point by using the following data: | CO2 | L5 | 5M |
| | | i) Variable cost - \$400 | | | |
| | | ii) Selling price per Unit - \$600 | | | |
| | | iii) Desired profit - \$ 4,00,000 | | | |
| | | iv) Fixed cost – 10,00,000 | | | |

UNIT-III

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| 6 | a | Define Sole trade. Discuss its characteristic features. | CO3 | L2 | 5M |
| | b | What are the advantages and disadvantages of Soel trade? | CO3 | L1 | 5M |

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|---|---|--|-----|----|----|
| 7 | a | Narrate monopolistic competition with suitable examples. | CO3 | L1 | 5M |
| | b | How does Price – output competition exist in Monopolistic environment. | CO3 | L1 | 5M |

UNIT-IV

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| 8 | a | What do you mean by Capital Budgeting? | CO4 | L1 | 4M |
| | b | What are the sources of short term and long-term Capital? | CO4 | L1 | 6M |

OR

- 9 a The cost of Project-A is Rs.1,00,000 and the cost of Project -B is Rs. 50,000. The annual cash inflows for next 5 years are 30,000. Calculate payback period. **CO4 L5 5M**
- b The cost of a Project is Rs.50, 000. Its expected life is 5 years. The cash inflows for the next 5 years are as follows. Rs. 24,000, Rs. 26,000, Rs. 20,000, Rs. 17,000 and Rs.16, 000 respectively. Determine the Pay Back period. **CO4 L5 5M**

UNIT-V

- 10 What do you mean by ratios? Explain different types of Ratios along with the Standard norms for each ration. **CO5 L1 10M**

OR

- 11 The following transactions occurred in the business of Mr. Arjun, a sole proprietor, during the first week of April 2025. Pass journal entries for the following in the books of Mr. Arjun: **CO5 L4 10M**
- i) April 1: Started business with cash ₹2,00,000 and furniture worth ₹50,000.
 - ii) April 2: Deposited ₹1,50,000 into bank.
 - iii) April 3: Purchased goods worth ₹30,000 from Ravi on credit.
 - iv) April 4: Sold goods to Meena worth ₹20,000 on credit.
 - v) April 5: Paid rent ₹5,000 by cheque.
 - vi) April 6: Received ₹15,000 from Meena in cash.
 - vii) April 7: Paid ₹10,000 to Ravi by cash and received a ₹1,000 discount.

