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

**B.Tech III Year I Semester Supplementary Examinations December-2021**  
**MANAGERIAL ECONOMICS AND FINANCIAL ANALYSIS**

(Common to EEE, CSE & CSIT)

Time: 3 hours

Max. Marks: 60

**PART-A**

(Answer all the Questions 5 x 2 = 10 Marks)

- |   |  |    |    |
|---|--|----|----|
| 1 | a Define demand.                               | L1 | 2M |
|   | b Explain Cobb-Douglas production function.    | L2 | 2M |
|   | c Explain types of competition.                | L2 | 2M |
|   | d What is Time-value-of-money?                 | L1 | 2M |
|   | e Explain the types of accounts and its rules. | L2 | 2M |

**PART-B**

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

**UNIT-I**

- |   |  |    |     |
|---|--|----|-----|
| 2 | What is the significance of managerial economics in decision-making? | L1 | 10M |
|---|--|----|-----|

OR

- |   |   |    |     |
|---|---|----|-----|
| 3 | Define demand and describe its determinants with suitable examples. | L2 | 10M |
|---|---|----|-----|

**UNIT-II**

- |   |  |    |     |
|---|--|----|-----|
| 4 | Explain Iso-quant and Iso-cost curves and state characteristics. | L2 | 10M |
|---|--|----|-----|

OR

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|---|------------------------------------|----|-----|
| 5 | State the different cost concepts. | L3 | 10M |
|---|------------------------------------|----|-----|

**UNIT-III**

- |   |  |    |     |
|---|--|----|-----|
| 6 | Explain how price is determined under perfect competition. | L2 | 10M |
|---|--|----|-----|

OR

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|---|---|----|-----|
| 7 | Explain the pricing strategies for a new product. | L2 | 10M |
|---|---|----|-----|

**UNIT-IV**

- |   |                                       |    |     |
|---|---------------------------------------|----|-----|
| 8 | Explain the major sources of Capital. | L2 | 10M |
|---|---------------------------------------|----|-----|

OR

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|---|--|----|-----|
| 9 | The cost of a project is Rs.50,000 which has an expected life of 5 years. The cash inflows for next 5 years are Rs.24,000; Rs.26,000; Rs.20,000; Rs.17,000 and Rs.16,000 respectively. Determine the Payback period. | L5 | 10M |
|---|--|----|-----|

**UNIT-V**

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|----|---|----|-----|
| 10 | What is meant by Ratio analysis? Explain briefly about various types of ratios. | L2 | 10M |
|----|---|----|-----|

OR

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|----|--|----|-----|
| 11 | Journalise the following transactions in the books of Amrutha.2012, Jan 1 Amrutha commenced business with cash Rs.50,000 | L5 | 10M |
|    | 2 Purchased goods for cash Rs.10,000   |    |     |
|    | 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  |    |     |

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