O.P.Code: 23HS0848 | R23 | H.T.No.

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech. II Year II Semester Supplementary Examinations December-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)

1	a	Define Managerial Economics.	CO1	L1	2M
	b	List out the different types of measurements of Demand.	CO1	L1	2M
	c	Implicit cost Vs Explicit.	CO2	L2	2M
	d	Features of Isoquant.	CO2	L1	2M
	e	What do you mean by Monopoly.	CO3	L1	2M
	f	Skimming pricing.	CO3	L1	2M
	g	Working capital.	CO4	L1	2M
	h	Examples for Current Liabilities.	CO4	L2	2M
	i	Journal entry.	CO5	L1	2M
	j	Quick Ratio.	CO5	L1	2M

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

UNIT-I

2	a	Define demand analysis. Explain its types in details.	CO1	L1	5M
	b	Discuss briefly about the factors influencing demand.	CO1	L2	5M

OR

3		Explain in detail about the relationship of Mangerial economics with other disciplines.	CO1	L2	10M

UNIT-II

4		Explain the assumptions made during Break even analysis. How does these assumptions impact the validity of the analysis?	CO2	L2	10M

OR

5	a	Write a short note on Least cost combination of inputs.	CO2	L1	5M
	b	Narrate the differences between Isoquants and Isocosts.	CO2	L2	5M

UNIT-III

6		Explain in detail about Public sector enterprises with suitable examples.	CO3	L2	10M

OR

7	a	Define Market. Explain the features of Monopoly.	CO3	L1	6M
	b	What is meant by perfect competition. Explain its features.	CO3	L2	4M

UNIT-IV

8	a	Discuss in detail about working capita;	CO4	L2	5M
	b	What are the components of Working Capital.	CO4	L1	5M

OR

9		An investment project requires an initial outlay of ₹2,50,000. The project is expected to generate the following cash inflows over the next 5 years:	CO4	L5	10M

Year	Cash Inflows(Rs.)
1	50,000
2	60,000
3	70,000
4	40,000
5	30,000

Calculate the Pay Back period for the Project.

UNIT-V

10	Calculate Liquidity ratios by using the following data:	CO5	L5	1

a) Cash in hand – Rs.40,000
b) Cash at Bank – Rs.1,60,000
c) Sundry debtors – Rs.2,00,000
d) Bills recievables – Rs. 50,000
e) Stock – Rs.1,20,000
f) Pre-paid expenses – Rs.10,000
g) Marketable securities – Rs.40,000
h) Sundry creditors – Rs.1,40,000
i) Bills payable – Rs.70,000
j) Outstanding expenses – Rs.20,000
k) Bank overdraft – Rs.50,000

OR

11	Record the following transactions in the journal of Mrs. Lakshmi, who runs a garment business, for the month of June 2025:	CO5	L5	1

1. June 1: Commenced business with ₹3,00,000 in cash and stock of garments worth ₹1,00,000.
2. June 3: Purchased furniture for ₹20,000 and paid by cheque.
3. June 5: Bought goods worth ₹50,000 from Priya on credit.
4. June 7: Sold goods to Rahul worth ₹40,000 (cost ₹25,000) on credit.
5. June 10: Received ₹38,000 from Rahul in full settlement of his account.
6. June 12: Paid Priya ₹48,000 by cheque in full settlement of her account.
7. June 15: Paid salary to staff ₹12,000 in cash.

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