Reg. No:

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Regular Examinations May 2019
MANAGERIAL ECONOMICS & FINANCIAL ANALYSIS
(Mechanical Engineering)

Time: 3 hours   Max. Marks: 60
(Answer all Five Units **5 x 12 = 60** Marks)

UNIT-I

1	**a**	Define demand and describe its determinants with suitable examples.	8M
	b	Distinguish between substitutes and complements with examples.	4M

OR

2	**a**	State the demand forecasting techniques.	7M
	b	What is Managerial Economics? How does it differ from economics?	5M

UNIT-II

3	**a**	Explain the law of variable proportions with its various stages. What are the basic assumptions behind this law?	6M
	b	State the different cost concepts.	6M

OR

4	**a**	Explain Long run production function.	6M
	b	Short answer questions: i) Cobb-Douglas Production Function. ii)MRTS	6M

UNIT-III

5	**a**	Explain how price is determined under perfect competition.	7M
	b	What are different methods of pricing followed by companies?	5M

OR

6	**a**	What are the salient features Partnership firms? Explain different kinds of partners.	7M
	b	Define Oligopoly and state the features.	5M

UNIT-IV

7	**a**	Write a short note on : i) Working capital ii) Journal and Ledger with format.	7M
	b	Write about various types of accounts and their rules governing each account.	5M

OR

8	**a**	Calculate debtors turnover ratio and debtors collection period, if credit sales for the year Rs.9,00,000, debtors Rs.90,000 and bills payable Rs.60,000.	6M
	b	Write about Advantages of double-entry book-keeping.	6M

UNIT-V

9	**a**	Write a short notes on i)Payback period ii)Net present Value method iii)Fixed capital	7M
	b	Explain the major sources of Capital.	5M

OR

10	**a**	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.17000 and Rs.16,000 respectively. Determine the Payback period.	7M
	b	What do you understand by time value of money? How is it helpful in Capital Budgeting	5M

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