O.P.Code: 20ME0329

**R20** 

H.T.No.

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

## B.Tech. III Year I Semester Regular & Supplementary Examinations February-2024 INDUSTRIAL ENGINEERING AND MANAGEMENT

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Tin	ne:	(Mechanical Engineering)  3 Hours  (Answer all Five Units 5 x 12 = 60 Marks)	Max.	Mark	s: 60
		UNIT-I			
1	a	Explain the Taylor's principles of scientific management.	CO1	L1	6 <b>M</b>
	b	Describe the Fayol's principles of management.	CO1	L2	6M
		OR			
2	a	Construct an Organizational chart of your college and list out their Responsibilities.	CO1	L3	6M
	b	Identify the important features of systems approach to management.	CO1	L3	6M
		UNIT-II			
3		What are the factors governing the plant location? Explain with any one specific industry.	CO2	L2	12M
4		What are the various data analyzing forms in plant layout? Elucidate them in detail with neat sketch.	CO2	L5	12M
5		Explain the steps involved in method study procedure.	CO3	L2	12M
		OR			
6	a	Discuss about the SIMO chart with an example.	CO3	<b>L6</b>	<b>6M</b>
	b	What are the benefits of Work Measuremen	CO3	L1	<b>6M</b>
		UNIT-IV			
7	a	Explain briefly the Consumers' opinion survey method of forecasting.	CO4	L5	6M
	b	What is meant by Demand Analysis?	CO4	L1	6M
		OR			
8		Summarize the features of perfect and imperfect competition.  UNIT-V	CO4	L2	12M
9		Explicate the history of the supply chain management.	CO5	L2	12M
		OR			
10		How to Plan & Develop the Right Supply Chain Strategy?	CO5	L1	12M

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