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Reg. No: ☐☐☐☐☐☐☐☐☐☐

SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
B.Tech III Year II Semester Supplementary Examinations February-2022
INDUSTRIAL ENGINEERING & MANAGEMENT
(Mechanical Engineering)

Time: 3 hours   Max. Marks: 60

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

1	a	Construct the Organizational chart of your college.	2M
	b	List the types of plant layout.	2M
	c	What are the benefits of Work Measurement?	2M
	d	Define Demand Forecasting.	2M
	e	Define accounting.	2M

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

UNIT-I

2	a	Explain the Mayo's Hawthrone experiments.	5M
	b	Explain the Maslow's Hierarchy of human needs.	5M

OR

3	a	Discuss about departmentation with their merits and demerits	5M
	b	Discuss about the decentralization and their merits and demerits.	5M

UNIT-II

4	What are advantages and disadvantages of urban and suburban locations for a plant? Compare rural and urban sites for the location of the plant.	10M

OR

5	Discuss in detail the basic requirements and procedure for ALDEP technique.	10M

UNIT-III

6	Explain the various types of charts available for recording the data in detail.	10M

OR

7	What is performance rating? Discuss about various methods of performancerating.	10M

UNIT-IV

8	Explain briefly statistical methods of forecasting. (i) Regression method (ii) Trend projection method.	10M

OR

9	Discuss in detail about the pricing strategies.	10M

UNIT-V

10	Classify and explain the various types of working capital.	10M

OR

11	Define profit and loss account and prepare the format for profit and lossaccount with suitable example.	10M

END