SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR
(AUTONOMOUS)
MBA I Year II Semester Regular & Supplementary Examinations June/July-2025
OPERATIONS MANAGEMENT

Time: 3 Hours   Max. Marks: 60

SECTION – A
(Answer all Five Units **5 x 10 = 50** Marks)

UNIT-I

1	Illustrate the Historical Development of POM.	CO1	L3	10M
	OR			
2	Explain Product development, with the help of the diagram.	CO1	L2	10M

UNIT-II

3	Define Facilities Management & Aggregate Planning. Explain its Nature and Scope.	CO2	L1	10M
	OR			
4	Explain how to Identify core processes in aggregate demand Forecast.	CO2	L1	10M

UNIT-III

5	a	Write a short note on Scheduling.	CO3	L1	5M
	b	Explain Scheduling importance in Operations Management (OM).	CO3	L1	5M
		OR			
6		Explain in detail about the Scheduling In Job with merits and demerits.	CO3	L1	10M

UNIT-IV

7		What is the need of Managing Work Study & quality management?	CO4	L1	10M
		OR			
8	a	Illustrate acceptance sampling with suitable examples.	CO4	L1	5M
	b	Write short notes on economics of quantity assurance with suitable examples.	CO5	L1	5M

UNIT-V

9	What is productivity? Explain its importance in today's scenario.	CO5	L1	10M
	OR			
10	Explain about characteristics of productivity. Make a note of factors affecting productivity.	CO5	L2	10M

SECTION – B
(Compulsory Question)

11   **1 x 10 = 10** Marks

CASE STUDY:

The product line manufacturing electric motor has seven stations. The individual capacity of the critical station is limited to 1000 units per week. If, the actual output of the product line is 800 units per week,find:

(a) The system capacity.

(b) The system efficiency

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