

THE KAVERY ENGINEERING COLLEGE*(An Autonomous Institution)***UG/PG DEGREE END SEMESTER THEORY EXAMINATIONS, APRIL-MAY 2026*****Second Semester******Master of Business Administration*****PMBT2424 - OPERATIONS MANAGEMENT*****Regulations - 2024******Duration: 3 Hrs.******Maximum: 100 Marks******PART – A (ANSWER ALL QUESTIONS) (Marks 10*2=20)***

Q.No	Questions	BLT	CO	Marks
1.	Relate the recent trends in operations Management	L1	1	2
2.	Show your understanding on Strategic Fit	L2	1	2
3.	Write a brief note on capacity requirement planning	L1	2	2
4.	Choose the relevant factors affecting facility location.	L2	2	2
5.	List the steps in new product development process	L1	3	2
6.	Classify the approaches to product design.	L1	3	2
7.	List the methods in Qualitative Forecasting	L1	4	2
8.	How would you explain Enterprise Resource Planning?	L2	4	2
9.	Why do you think JIT is needed in manufacturing?	L2	5	2
10.	What is Lean Manufacturing?	L2	5	2

PART – B (ANSWER ALL QUESTIONS) (Marks 5*16 = 80)

Q.No	Questions	BLT	CO	Marks
11.	a i Identify the challenges and current priorities for Operations Management.	L2	1	8
	ii Summarize the nature of Production in detail	L2	1	8
	. Or			
	b i How could you determine the objectives and historical development of operations management?	L2	1	8
	ii List the scope and objectives of operations management.	L2	1	8
12.	a What would you recommend the various stages in process selection methods? Also explain the process selection decision	L2	2	16
	Or			
	b How would you compare the ideas in capacity planning with distinct levels? Also explain the factor influencing Capacity planning?	L2	2	16

13.	a	i	Analyse the concept of Facility layout principles.	L4	3	8
		ii	Tell the key decisions relating to the process design and the influencing factors in it.	L4	3	8
Or						
	b	i	Identify various stages involved in developing a product.	L4	3	8
		ii	Prepare a flow process chart for a patient admittance process	L4	3	8
14.	a	i	Explain the inventory control techniques.	L2	4	8
		ii	Explain scheduling elements and types	L2	4	8
Or						
	b	i	Prioritize the Importance of budgeting and control in inventory process.	L2	4	8
		ii	What are various types of forecasting techniques? Discuss their relative strength and weaknesses.	L2	4	8
15.	a	i	What are the steps involved in continuous improvement process	L2	5	8
		ii	Why do manufacturing industries need “six sigma”? Elaborate.	L2	5	8
Or						
	b	i	What is meant by “ISO 9000 series standards”? Explain its scope.	L2	5	8
		ii	Discuss about TQM management techniques	L2	5	8
