

THE KAVERY ENGINEERING COLLEGE
(An Autonomous Institution)

MBA DEGREE END SEMESTER THEORY EXAMINATIONS, NOV /DEC 2024

Second Semester

Master of Business Administration

BA4204 - Operations Management

Regulations - 2021

Duration : 3 Hrs

Maximum: 100 Marks

PART - A (ANSWER ALL QUESTIONS) (Marks 10*2=20)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
1.	What is operations management?	RE	1	2
2.	Differentiate service and goods.	RE	1	2
3.	Explain sourcing and procurement.	RE	2	2
4.	What is capacity planning?	RE	2	2
5.	What is the difference b/w sourcing & procurement?	RE	3	2
6.	What are the factors influencing product design?	RE	3	2
7.	Define demand forecasting.	RE	4	2
8.	What is inventory planning?	RE	4	2
9.	What is classification and codification?	RE	5	2
10.	Explain inventory cost.	RE	5	2

PART - B (ANSWER ALL QUESTIONS) (Marks 5*13 = 65)

<i>Q.No</i>	<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
11.	a Explain the role of operations management in developing country like India and its importance.	UN	1	13
	Or			
	b Outline the different types of production system?	UN	1	13
12.	a Explain capacity planning and what are the steps in capacity planning?	UN	2	13
	Or			
	b Summarize facility location. Discuss the steps involved in the facility location in detail.	CR	2	13
13.	a Model a facility layout. Explain in detail the different types of layouts with diagrams.	AP	3	13
	Or			
	b Identify the important steps involved in the product development process life cycle.	AP	3	13

14. a Classify demand forecasting. Explain the quantitative and qualitative methods of demand forecasting. AN 4 13
- Or
- b Distinguish inventory planning and control. What are different inventory control techniques used? AN 4 13
15. a Explain the 7QC tools used to improve and implement TQM in an organization. AN 5 13
- Or
- b Explain the concept of lean management? Explain the principles and tools of lean management. AN 5 13

*PART – C (Marks 1*15 = 15)*

<i>Q.No</i>		<i>Questions</i>	<i>BLT</i>	<i>CO</i>	<i>Marks</i>
16.	a	Compare different world class manufacturing practices. Explain in detail the pillars of WCM and how the process is carried out in various parts of the world.	EV	1	15
		Or			
	b	Assess the significance and effectiveness of Operations Scheduling in the context of operational efficiency and resource management.	EV	4	15