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GIET UNIVERSITY, GUNUPUR - 765022
M. B. A (Third Semester) Regular Examinations, January - 2024
21MBAOM23004 - Supply Chain Planning

Time: 3 hrs

Maximum: 60 Marks

(The figures in the right hand margin indicate marks.)

PART – A**(2 x 10 = 20 Marks)**Q.1. Answer **ALL** questions

	CO #	Blooms Level
a. Classify sales and operations planning.	CO1	K1
b. Define aggregate planning.	CO2	K1
c. What is routing?	CO3	K1
d. Define dispatching.	CO3	K1
e. List the good forecast.	CO2	K1
f. Differentiate CPM vs. PERT	CO4	K3
g. What are the types of ERP?	CO5	K1
h. What is critical path method?	CO5	K1
i. Define PERT.	CO4	K1
j. Differentiate MRP vs. ERP	CO5	K3

PART – B**(8 x 5 = 40 Marks)**Answer **ALL** questions

	Marks	CO #	Blooms Level
2. a. Explain the different phases of operation planning and control.	8	CO1	K2
(OR)			
b. Discuss the elements of a good forecast and explain the major factors that influence the demand forecast.	8	CO1	K2
3.a. Distinguish between the operations planning and control activities in manufacturing and service organizations.	8	CO1	K4
(OR)			
b. Discuss the concept on Materials Requirement Planning and its significance.	8	CO2	K2
4.a. What is capacity planning? Analyse the various strategies used in capacity planning.	8	CO2	K4
(OR)			
b. Distinguish between the forecasting and capacity planning and highlights their	8	CO3	K3

importance.

5.a. What is the purpose of aggregate planning? Explain the various types of aggregate planning strategies. 8 CO3 K2

(OR)

b. How material requirements planning (MRP) works? Discuss the Advantages and Disadvantages of MRP. 8 CO4 K2

6.a. What is scheduling? Discuss the different types of scheduling techniques. 8 CO5 K2

(OR)

b. What is Enterprise Resource Planning (ERP)? Discuss the benefits of ERP in supply chain planning. 8 CO5 K2

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