

--	--	--	--	--	--	--	--	--	--



GIET UNIVERSITY, GUNUPUR - 765022
M. B. A (Third Semester) Regular Examinations, January - 2024
21MBAOM23003 - Operations & Materials Management

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. Define Operation Management.	CO1	L2
b. How can you define productivity in material management?	CO1	L2
c. Write a note exponential method.	CO2	L2
d. How to calculate time series analysis?	CO2	L2
e. Define service layouts.	CO3	L3
f. Write two elements for assembly line balancing.	CO3	L2
g. Define JIT.	CO4	L2
h. Discuss the role of ERP in 21 st century.	CO4	L2
i. Differentiate EOQ and EBQ.	CO5	L2
j. State the term statistical process control.	CO5	L2

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

	Marks	CO #	Blooms Level
2. a. Discuss the Evolution and scope of operation management.	8	CO1	L4
(OR)			
b. How operations strategy can be taken as competitive weapon for manufacturing company? Come up with some reasons.	8	CO1	L4
3.a. Discuss the different techniques of forecasting.	8	CO2	L4
(OR)			
b. Explain the various stages of manufacturing resource planning with suitable diagram.	8	CO2	L3
4.a. Describe the term capacity planning and Identify various strategies to calculate it.	8	CO3	L4
(OR)			
b. Briefly explain the procedure involved in selecting suppliers.	8	CO3	L3
5.a. Explain the role, need and strategies of aggregative planning in materials management.	8	CO4	L3

(OR)

- | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|---|-----|----|
| b. Briefly explain the procedure involved in selecting suppliers by a purchase department. | 8 | CO4 | L3 |
| 6.a. How the policy decisions made in inventory management? How the production manager should play in making decisions in the organisation? | 8 | CO5 | L4 |

(OR)

- | | | | |
|------------------------------------------------------|---|-----|----|
| b. Discuss some of the inventory control techniques. | 8 | CO5 | L4 |
|------------------------------------------------------|---|-----|----|

--- End of Paper ---