



K. K. Wagh Institute of Engineering Education & Research, Nashik
(An Autonomous Institute From A.Y. 2022-23)

SUMMER-2024	
Exam Seat No.:	
Academic Year:2023-2024	Semester:II
Class:F.Y.	Program:MBA
Branch Code:M.B.A.	Pattern:2022
Name of Course:Operations Management	Course Code:MBA22204
Max. Marks:60	Duration:2.30 Hrs.

Instructions: Candidates should read carefully the instructions printed on the Question Paper and on the cover page of the Answer Book, which is provided for their use.

1. This question paper contains 2 Pages.
2. Answer to each new question is to be started on a new page.
3. Assume suitable data wherever required, but justify it.
4. Draw the neat labelled diagrams, wherever necessary.
5. The last columns indicates the Course Outcome and level of Blooms Taxonomy of the Question/sub-question.
6. Solve (a) or (b) and (c) or (d) from Q. No. 3, 4 and 5.

Question No. 1 Attempt following Question

- 1a) Explain the concept and importance of Operations Management? (6) CO1

Question No. 2 Attempt following Question

- 2a) Write different types of innovation and explain it with examples. (6) CO2

Question No. 3 Attempt following Question

- 3a) Discuss the Forecasting time horizon with examples. (8) CO3

OR

- 3b) Write in detail about MRP I, MRP II and CRP with examples. (8) CO3

- 3c) A project has been defined to contain the following list of activities along with their required time of completion. (8) CO3

Activity	A	B	C	D	E	F	G	H	I
Time in Days	1	4	3	7	6	2	7	9	4
Immediate Predecessor	-	A	A	A	B	C	E, F	D	G, H

- a. Draw Network Diagram
- b. Calculate Forward Pass and Backward Pass
- c. Identify Critical Path

OR

- 3d) Explain the application of maintenance management with examples? (8) CO3

Question No. 4 Attempt following Question

- 4a) Explain the importance of Inventory control in manufacturing Industries. (8) CO4

OR

- 4b) Categorize the various Inventory cost Appraise EOQ by using graphical representation. (8) CO4

- 4c) Draw a customer gap model for a retail industry. (8) CO4

OR

- 4d) Write in detail with example: (8) CO4

- i) Six Sigma
- ii) Total Quality Management

Question No. 5 Attempt following Question

- 5a) Explain the Bull whip effect in detail (8) CO5

OR

- 5b) Draw and explain supply chain model structure for a pharmaceutical company. (8) CO5

- 5c) Discuss the key issues in SCM with examples. (8) CO5

OR

- 5d) Appraise the enablers of Supply Chain. (8) CO5

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