

**ANURAG Engineering College**

(An Autonomous Institution)

II MBA I Semester Regular Examinations, Jan/Feb–2024

**PRODUCTION AND OPERATION MANAGEMENT****(MASTER OF BUSINESS ADMINISTRATION)****Time: 3 Hours****Max. Marks: 60****Section – A (Short Answer type questions)****(10 Marks)****Answer All Questions**

	<b>Course Outcome</b>	<b>B.T Level</b>	<b>Marks</b>
1. Define Productivity?	CO1	L1	1M
2. What is Corporate Strategy?	CO1	L1	1M
3. What is Value Analysis?	CO2	L1	1M
4. Define Process Strategy?	CO2	L1	1M
5. What is meant by Plant Location?	CO3	L1	1M
6. Define Combine Layout?	CO3	L1	1M
7. Define Scheduling?	CO4	L1	1M
8. What is Quality Control?	CO4	L1	1M
9. Define Store Management?	CO5	L1	1M
10. What is Scrap Management?	CO5	L1	1M

**Section B (Essay Questions)****Answer all questions, each question carries equal marks.****(5 X 10M = 50M)**

11. A) Define Production? Explain types of Production systems? CO1 L2 10M  
**OR**  
 B) Explain the concept of world class manufacturing? What is its relevance for developing country like India? CO1 L2 10M
12. A) Distinguish between Value Analysis and Value Engineering? CO2 L3 10M  
**OR**  
 B) Explain the Characteristics of Good Product design? CO2 L2 10M
13. A) Explain what the factors are Influencing plant layout? CO3 L2 10M  
**OR**  
 B) What is process Layout? Explain the advantages and disadvantages of process layout? CO3 L2 10M
14. A) Seven jobs are to be processed on three machines J1, J2 and J3 in the order. Each machine can process only one job at a time. The process times in hours are as follows. Suggest optimum sequence of processing the jobs and the total elapsed time, also compute the idle time for three machines. CO4 L3 10M
- | JOB       | A | B | C | D  | E | F | G  |
|-----------|---|---|---|----|---|---|----|
| MachineJ1 | 3 | 8 | 7 | 4  | 9 | 8 | 7  |
| MachineJ2 | 4 | 3 | 2 | 5  | 1 | 4 | 3  |
| MachineJ3 | 6 | 7 | 5 | 11 | 5 | 6 | 10 |
- OR**
- B) Explain briefly about control charts? CO4 L2 10M
15. A) Discuss the Responsibilities of Store Management? CO5 L3 10M  
**OR**  
 B) Explain in details about models of Inventory? CO5 L2 10M