

Reg. No.

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



BBABMCN 501

**V Semester B.B.A. Degree Examination, December 2024/January 2025
(NEP – 2020) (2023 – 24 Batch Onwards)
PRODUCTION AND OPERATIONS MANAGEMENT (DSCC)**

Time : 2 Hours

Max. Marks : 60

Instructions : 1) **A single answer booklet with 32 pages will be issued.**
2) **No additional papers will be issued.**

**SECTION – A
(2 marks each)**

Answer **any five** of the following :

(5×2=10)

1. What is operations management ?
2. What do you mean by plant layout ?
3. Give the meaning of production planning.
4. What is control chart ?
5. What is maintenance scheduling ?
6. Give the meaning of breakdown.
7. Calculate EOQ for the following details :

Annual requirements 1600 units. Material cost per unit 40. Cost of ordering 50.
Annual carrying cost of inventory is 10% of inventory value.



**SECTION – B
(5 marks each)**

Answer **any four** of the following :

(4×5=20)

8. Distinguish between production management and operations management.
9. Briefly explain the different types of facilities.

P.T.O.



- 10. What are the characteristics of production planning and control ?
- 11. Explain the objectives of inventory management.
- 12. What are the objectives of maintenance of management ?
- 13. Explain the decisions related to production management.
- 14. Select the best ordering size from the following available data :

Annual requirement 50000 units. Ordering cost Rs. 500 per order. Carrying cost Re. 1 per unit per annum. Order sizes are 10000 units, 20000 units, 25000 units and 50000 units.

SECTION – C
(10 marks each)

Answer **any three** of the following :

(3×10=30)

- 15. What are the different types of production system ? Explain with suitable examples.
- 16. Explain the factors affecting selection of location for a manufacturing firm.
- 17. Describe the different stages of production planning and control.
- 18. Describe the various techniques of inventory control.
- 19. Explain the types of maintenance with relative advantages.

