

(i) Printed Pages : 2 Roll No.
(ii) Questions : 10 Sub. Code :

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Exam. Code :

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Master of Commerce 2nd Semester
(2054)

PRODUCTION AND MATERIAL MANAGEMENT

(Same for USOL Candidates)

Paper : M.C.-204

Time Allowed : Three Hours] [Maximum Marks : 80

Note :— Attempt any **five** questions in all, selecting at least **one** question from each Unit. All questions carry equal marks.

UNIT—I

1. A company requires 10,000 units of an item annually at a price of Rs. 50 per unit. Cost of placing one order is Rs. 150 and carrying costs are 24% of the price. Presently the order quantity is 1000 units. How much savings can the company make if the order quantity is EOQ ? The supplier has offered a price discount of 5% if the order quantity is 2000 units. Should this offer be accepted ?
2. Explain the scope and objectives of production management. What is its significance in a service organisation ?

3. Explain the following :

- (a) Static inventory problem under Risk
- (b) Negotiations with suppliers.

UNIT—II

- 4. What are the objectives of demand forecasting and features of a good forecast ? Also highlight the advantages and limitations of Delphi method.
- 5. "Acceptance Sampling is a better way of quantity control than inspection." Discuss.

UNIT—III

- 6. What do you understand by plant layout ? Discuss the basic principles of plant layout. Also explain in detail the types of plant layout.
- 7. State and explain the steps involved in PERT and CPM for project evaluation.
- 8. Discuss in detail, the different stages involved in production planning and control.

UNIT—IV

- 9. Discuss the uses and techniques of time study. How does it help in determining performance rating ?
- 10. Write notes on :
 - (a) Labour productivity
 - (b) Material productivity.