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MAM-062

**MASTER OF BUSINESS
ADMINISTRATION (AGRIBUSINESS
MANAGEMENT) (MBAABM)**

Term-End Examination

December, 2025

**MAM-062 : PRODUCTION AND SUPPLY CHAIN
MANAGEMENT IN AGRIBUSINESS**

Time : 3 Hours

Maximum Marks : 100

Note : (i) Answer any **five** questions.

(ii) All questions carry equal marks.

1. Define production and operations management. Explain its importance, objectives and scope.
2. (a) A business startup produced output worth of ₹ 50,000 last month using human input worth ₹ 15,000; material input worth ₹ 10,000; capital input

worth ₹ 12,000; energy input worth ₹ 1,000 and miscellaneous input ₹ 500. All values are expressed in terms of base year rupee value. Compute the various productivity indices.

- (b) Discuss the various techniques of production planning.
3. Explain the various quantitative and qualitative techniques of forecasting.
4. (a) Discuss the established practices used in product designing.
- (b) What is facility location ? Discuss the factors influencing facility location decision.
5. What is work measurement ? Explain the various techniques of work measurement.
6. (a) Differentiate between forward scheduling and backward scheduling.
- (b) Discuss the various components of Physical Distribution Management (PDM).

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7. (a) Describe the major trends in Supply Chain Management.
- (b) What is agricultural product logistics ? Explain its characteristics.
8. Write short notes on any *four* of the following :
- (a) IoT in cold chain management
- (b) Materials Requirement Planning (MRP)
- (c) Job design
- (d) Short-term capacity planning
- (e) Gantt chart schedules

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