

No. of Printed Pages : 2

MAM-066

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

Term-End Examination

June, 2026

MAM-066 : AGRI EQUIPMENT MANAGEMENT

Time : 3 Hours

Maximum Marks : 100

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

(ii) All the questions carry equal marks.

1. Explain the scope of water management in agriculture. Discuss the importance of farm engineering in improving crop production and agricultural sustainability.
2. Define farm mechanization and explain its role in land preparation sowing, irrigation, harvesting and post-harvest operation.

3. Explain the process of biogas production. Discuss the importance of bio energy sources in sustainable agricultural development.
4. Define Tillage. Discuss the objectives and importance of tillage in crop production. Also, mention any *three* commonly used tillage implements.
5. Explain the different methods of irrigation. Discuss the suitability, advantages and limitations of Drip and Sprinkler Irrigation methods.
6. Define wastewater. Explain the major sources and methods of wastewater treatment.
7. (a) Write a note on aeroponics.
(b) Explain the concept of aquaponics and its significance in sustainable agriculture.
8. Explain the factors affecting the cost of agricultural machinery. Discuss any *two* commonly used methods of depreciation in farm machinery management.

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