

MAM-066

**Master of Business Administration (Agribusiness Management)
(MBAABM)**

**ASSIGNMENT
for
January 2026 and July 2026 Session**

MAM-066: AGRI EQUIPMENT MANAGEMENT



**School of Agriculture
INDIRAGANDHI NATIONAL OPEN UNIVERSITY MAIDAN
GARHI, NEW DELHI – 110 068**

ASSIGNMENT

CourseCode	: MAM-066
Course Title	: Agri Equipment Management
Assignment Code	: MAM-066/2026
Coverage	: All Blocks

Note:

- Attempt any five questions and submit this assignment to the Coordinator of your study centre. Each answer may contain approx. 500 words.
 - Evaluation of the assignment follows the letter grading system. Grade A, B, C, D, or E will be awarded in order of performance of learners based on highest (A grade) to lowest (E grade). For details, go through the MBAABM programme guide.
-
- 1) Define the scope and uses of farm power sources. Explain the different types and features of farm power sources.
 - 2) Define irrigation scheduling and discuss its importance and various methods.
 - 3) Describe the different levels of wastewater treatment processes and discuss the benefits of wastewater use in farming. Also, explain the risks and challenges associated with wastewater irrigation.
 - 4) Explain the concept of Hi-Tech Agriculture and discuss its major components. Describe the prerequisites required for establishing a hi-tech farm with special reference to protected structures, precision irrigation, automation and sensors.
 - 5) Explain the various criteria that should be considered while selecting primary processing machinery.
 - 6) Explain the principle involved in farm machinery decision-making. Discuss the factors affecting the cost of machinery ownership and describe the criteria for deciding (i) what machines to own and (ii) what size of machine to purchase.
 - 7) Explain the management of land and capital in farm resource management.