

MS-57

**Management Programme (MP)/ Post Graduate Diploma in Operations
Management (PGDIOM)**

**ASSIGNMENT
For
July 2024 and January 2025 Sessions**

MS-57: Maintenance Management

**(Last date of submission for July 2024 session is 31st October 2024
and for January 2025 session is 30th April, 2025)**



**School of Management Studies
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

ASSIGNMENT

Course Code	:	MS-57
Course Title	:	Maintenance Management
Assignment Code	:	MS-57/TMA/ JULY/2024
Coverage	:	All Blocks

Note: Attempt all the questions and submit this assignment to the Coordinator of your study centre. Last date of submission for July 2024 session is 31st October, 2024 and for January 2025 session is 30th April 2025.

1. What are the major considerations taken while ‘planning for maintenance’ for a manufacturing unit/machine/equipment? Prepare a maintenance schedule for a plant.
2. Many organizations have standing conflicts among maintenance and production/operations employees. Describe the nature of these conflicts. What are the main causes?
3. Write a short note on the following:
 - a. MTBF
 - b. MTR
 - c. MTWS
 - d. TPM
4. “In TQM organizations, the traditional approach of post-production detection of defects is discouraged, and *prevention* philosophy is adopted to bring down the non – conformance characteristics”. Relate this approach to modern maintenance management systems.
5. Discuss the preventive maintenance. In what ways is preventive maintenance necessary in JIT/Kanban/pull manufacturing as opposed to push manufacturing?