

MS-57

Management Programme

**ASSIGNMENT
(January to December)
2021**

MS – 57: Maintenance Management



**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/SEM-I/2021
Coverage	:	All Blocks

Note: Attempt all the questions and submit this Assignment to the Coordinator of your Study Centre on or before 31st October, 2021.

1. What do you understand by “Planned Maintenance Management system”? Explain any two documents required in planned maintenance.
2. What is meant by cost absorption and cost apportionment? Discuss the methods of cost absorption and state which method do you consider to be the best and why?
3. “The primary function of maintenance management is to ensure the availability of the plant and equipment.” However intrinsic to this requirement is the necessity to provide maximum reliability and safety. Explain the maintenance techniques for safety and environmental improvements.
4. Explain one component redundancy yields higher reliability than unit redundancy. For the general case of an n-component series system, prove that it is true.
5. What is vibration monitoring? Explain the basis of identifying and analyzing a problem, while making use of vibration monitoring technique.