

**Management Programme**

**ASSIGNMENT  
FIRST SEMESTER  
(January to June)  
2021**

*This Assignment is being provided to only those students who are going to complete their maximum duration in the admission cycle January 2021 (TEE June 2021). For all other students the Assignments for this course will be available in July 2021 admission cycle (TEE December 2021) and therefore they should not attempt this Assignment.*

**MS – 57: Maintenance Management**



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

## ASSIGNMENT

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Course Code	:	MS - 57
Course Title	:	Maintenance Management
Assignment Code	:	MS-57/TMA/SEM-I/2021
Coverage	:	All Blocks

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2. Attempt all the questions and submit this Assignment to the Coordinator of your Study Centre on or before 30<sup>th</sup> April, 2021.

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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.