

**MS-57**

**Management Programme**

**ASSIGNMENT**  
**January 2022 Session**

**MS – 57: Maintenance Management**  
**(Last date of submission for**  
**January 2022 session is 30<sup>th</sup> April, 2022)**



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

## ASSIGNMENT

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<b>Course Code</b>	<b>:</b>	<b>MS - 57</b>
<b>Course Title</b>	<b>:</b>	<b>Maintenance Management</b>
<b>Assignment Code</b>	<b>:</b>	<b>MS-57/TMA/JULY/2022</b>
<b>Coverage</b>	<b>:</b>	<b>All Blocks</b>

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**Note:** Attempt all the questions and submit this Assignment to the Coordinator of your Study Centre. **Last date of submission for January 2022 session is 30<sup>th</sup> April, 2022.**

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.