

**MS - 54**

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

**ASSIGNMENT  
for  
January 2026 and July 2026 Sessions**

**(Last date of submission for January 2026 session is 30<sup>th</sup> April, 2026  
and for July 2026 sessions is 31<sup>st</sup> October, 2026)**

**MS - 54: Management Information Systems**



**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 - 54</b>
<b>Course Title</b>	<b>:</b>	<b>Management Information Systems</b>
<b>Assignment Code</b>	<b>:</b>	<b>MS - 54/TMA/JAN/2026</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 2026 session is 30<sup>th</sup> April, 2026 and for July 2026 session is 31<sup>st</sup> October, 2026.**

1. What is a Management Information System (MIS)? What are the different types of information used in business? How are these information systems applied in business organizations?
2. What are the main models of information systems? What are the stages involved in the System Development Life Cycle?
3. What is a computer network? What are the main features of a Local Area Network? Explain the different types of network topologies.
4. What are the advantages and disadvantages of getting information about a new computer system from different sources? Discuss in detail
5. What are the main types of computer viruses? What steps can be taken to protect a computer system from viruses? Discuss