

**MS - 54**

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

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

**MS - 54: Management Information Systems**

**(Last date of submission for January 2024 session is 30<sup>th</sup> April, 2024  
and for July 2024 sessions is 31<sup>st</sup> October, 2024)**



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

## ASSIGNMENT

---

<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/2024</b>
<b>Coverage</b>	<b>:</b>	<b>All Blocks</b>

---

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

1. What is a Management Information System? What are the various types of information? Discuss the applications of these information systems in the context of business organizations.
2. What are the various models of information systems? Discuss the stages in a System Development Life Cycle (SDLC).
3. What is a Network? What are the characteristics of local area networks? Explain various network topologies.
4. What are the advantages and shortcomings of obtaining information about a candidate system from each of these sources: Vendors, Current Users, Demonstration, introductory course, trial use, benchmark, and listing services?
5. Explain various types of computer viruses. What measures should be taken to protect the system from viruses.