

Post-Graduate Diploma in Operations Management (PGDOM)

ASSIGNMENT
For
January 2025 and July 2025 Sessions

MS - 54: Management Information Systems

**(Last date of submission for January 2025 session is 30th April, 2025
and for July 2025 sessions is 31st October, 2025)**



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

ASSIGNMENT

Course Code	:	MS - 54
Course Title	:	Management Information Systems
Assignment Code	:	MS - 54/TMA/JAN/2025
Coverage	:	All Blocks

Note: Attempt all the questions and submit this assignment to the Coordinator of your study centre. Last date of submission for January 2025 session is 30th April, 2025 and for July 2025 session is 31st October, 2025.

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.