ASSIGNMENT

Course Code	**:**	**MMPO-004**
Course Title	**:**	**Management Information System**
Assignment Code	**:**	**MMPO-004/TMA/JAN/2026**
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 2026 session is 30th April, 2026 and for July 2026 session is 31st October, 2026.

1. Do you think information systems affect organizations and society? Justify your answer.

2. What is System Development Life Cycle? Discuss the limitations of the System Development Life Cycle?

3. What is Business Intelligence and its importance? Describe briefly the growth of Business Intelligence and mention its key components.

4. What is Block chain Technology? What are its advantages? Explain how block chain is used in supply chain management, with simple examples

5. What do you mean by Internet of Things (IoT)? Discuss the main components of an Internet of Things (IoT) ecosystem?

1. Do you think information systems affect organizations and society? Justify your answer.

Answer

Yes. Information systems affect both organizations and society in a very direct way. An information system is not only a computer or a software package. It is a combination of people, procedures, hardware, software, data and communication networks that collects, processes, stores and distributes information. In a modern organization, these elements are linked with day-to-day work, managerial control and decision making. Because organizations are part of society, the effects of information systems also spread to customers, employees, governments and ordinary citizens.

Effect on organizations

One major effect is higher efficiency in routine operations. Transaction processing systems record sales, purchases, payments, inventory movements and employee transactions quickly and accurately. Work that earlier needed several registers and repeated manual checking can now be completed through an integrated system. For example, when a retail store scans a product at the billing counter, the sales record can update stock levels at the same time. This saves time, reduces clerical mistakes and gives managers a current picture of operations.

Information systems also improve the quality and speed of managerial decisions. Managers can use reports, dashboards, databases and analytical tools to compare actual performance with targets, identify unusual changes and study trends. A production manager can see material shortages before they stop production, while a sales manager can compare sales by product, territory or customer group. Decisions therefore become more fact-based instead of depending only on memory or personal judgement.

A further effect is better coordination and communication. Enterprise systems can connect finance, marketing, human resources, production and supply chain activities. The same data can be shared across departments instead of being maintained separately in different files. Email, collaboration platforms, video meetings and workflow systems also support teams working from different locations. This has made remote work, virtual teams and faster coordination possible for many organizations.