

Status	Finished
Started	Friday, 17 January 2025, 1:39 PM
Completed	Friday, 17 January 2025, 2:10 PM
Duration	30 mins 23 secs

Question 1

Complete

Marked out of 20

Explain the concept of Business Intelligence (BI) and its relationship with Management Information Systems. Provide examples of how BI tools can be used for data analysis and decision support in organizations.

Business Intelligence refers to the process, technologies, and tools used to collect, integrate, analyze and present business ideas. It encompasses data mining, process analysis, performance benchmarking and descriptive analysis.

BI complements MIS by enhancing analysis and reporting operating functions, offering advanced analytics. MIS gathers and manages data while BI analyzes this data for strategic decision making.

Some examples include:

Microsoft Power-BI - Creates dashboards and visual reports for performance tracking.

Tableau - Visualizes data for trend analysis and forecasting.

Question 2

Complete

Marked out of 20

ERP systems are typically designed to handle only specific business functions, such as accounting or human resources.

Select one:

- True
 False

Question 3

Complete

Marked out of 20

The main purpose of IoT devices is to communicate with each other without any human intervention.

Select one:

- True
 False

Question 4

Complete

Marked out of 20

Reliance on Technology and the effects on the community standards. Addictive Behavior

Technology has inevitably a big part of our day to day lives. It has led to increasing screen time and increased social media use which in turn reduces face to face interactions, weakening community bonds, lowering socialization between minors and can even be blamed for rise of problems in development of speech. Additionally constant connectivity to the internet and its use can lead a negative impact of mental health and productivity. As time passes digital norms take more and more precedence.

Addictive behaviour is a compulsive engagement in activities despite many negative consequences, often driven by a need of pleasure, escape or boredom. Technology addiction, such as excessive social media use can disrupt daily life, relationships, academic life and overall mental health. The cycle starts with the first interaction with the screen, dopamine is released on every click, creating a cycle that overtime can lead to reduced self-control, concentration, motivation and even depression.

Question 5

Complete

Marked out of 20

Explain the key components and benefits of ERP systems in an organization.

Enterprise resource planning (ERP) systems are integrated software solutions that manage and streamline an organization's core functions. Key components include finance, human resources, supply chain management, customer relationship and more. These programs work together to ensure smooth operations and data accuracy across all departments. ERP systems improve efficiency by automating processes and reducing manual tasks. They also provide data for better decision making and increase team effectiveness.

ERP systems help reduce operational costs and scale easily with business growth. They enable organizations and businesses to operate more effectively, stay competitive and maximize potential.