Unit 1

Introduction to Decision support systems and Business intelligence

Q.1 Define Decision Support System? Explain advantages and Disadvantages of DSS.

Q2. List and explain phases of decision making process/ How to represent the decision making process

Q.3 What is decision support system (DSS)? Explain representation of DSS.

Q.4 Explain four stages of Simon's decision-making process

Q.5 What are various types of decision according to their nature?

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Q.5 Explain structured, unstructured and semi-structured.

Q.6 Explain evolution of information system

Q.7 How to develop a decision support system

Q.8 what is Business intelligence? Why BI Is Important?

Q.9 Short note on ethics in business intelligence.

Q.10 Explain BI Architecture and its Components

Q.11 Relation between Data, Information, and Knowledge

Q.12 Explain the role of mathematical model in business intelligence.

Unit 2

The Architecture of DW and BI

Q.1 Difference between business intelligence data warehouse

Q.2 What is Data warehouse? Explain architecture of data warehouse

Q.3 What is OLAP (Online Analytical Processing)? Explain different types of OLAP

Q.4 Difference between OLAP and OLTP

Q.5 Explain elements of dimensional data model

Q.6 What is Data warehouse modeling? Explain types of data warehouse models

Q.7 What is Cube? Explain different operations of data cube.

Q.8 Write down advantages and disadvantages of data cube

Q.9 Define Schema. Explain Stars, snowflakes and fact constellations schemas.

Q10 What is ODS? What is fact? What is Dimension?