



**SAGAR INSTITUTE OF SCIENCE & TECHNOLOGY(SISTec)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

QUESTION BANK

BRANCH CSE

SESSION 2022-23

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SUBJECT/CODE : Data Mining & Warehousing (CS 703(B))

UNIT-1

Q No.	QUESTIONS	Bloom's Taxonomy Level
1	Define data warehouse? What does subject-oriented data warehouse signify?	1(Remembering)
2	Why a Data Warehouse is Separated from Operational Databases?	1(Remembering)
3	Discuss Data warehouse Features.	2(Understand)
4	Explain various types of Data warehouse along with their Applications.	2(Understand)
5	What are Data Marts? Discuss their role.	1(Remembering)
6	Write short note on "Pattern warehousing".	1(Remembering)
7	Discuss about different data warehousing Schema.	2(Understand)
8	What do you understand by conceptual modeling of Data warehousing.	1(Remembering)
9	Explain the process of Data cleaning and Preprocessing.	2(Understand)
10	What do you understand by Data Mining? Discuss its role in detail.	1(Remembering)

UNIT-II

Q No.	QUESTIONS	Bloom's Taxonomy Level
11	What do you understand by operational Database? Discuss it.	1(Remembering)
12	Differentiate between OLAP and OLTP.	4(Analyze)
13	What is OLAP .Discuss its characteristics.	1(Remembering)
14	Discuss about Data cube and its categories.	2(Understand)
15	Explain different Data cube operations.	2(Understand)

16	Write a note on Slicing and dicing.	1(Remembering)
17	What are OLAP servers? Discuss its types.	1(Remembering)
18	Write short note on Relational OLAP.	1(Remembering)
19	Discuss about backup and recovery process in OLAP	2(Understand)
20	What is OLTP? Discuss its characteristics.	1(Remembering)

UNIT-III

Q No.	QUESTIONS	Bloom's Taxonomy Level
21	Discuss about Data types and data mining	2(Understand)
22	Write short note on knowledge Discovery and KDD process.	1(Remembering)
23	Discuss Data mining Functionalities.	2(Understand)
24	Discuss about Guidelines for Successful Data Mining.	2(Understand)
25	Differentiate between Data mining and Knowledge discovery.	4(Analyze)
26	Discuss About Basic Data Mining Tasks.	2(Understand)
27	Write a Note on Fuzzy Sets and Fuzzy logic.	1(Remembering)
28	Write About Data Distributions.	1(Remembering)
29	Write a Short Note on Data Preprocessing.	1(Remembering)
30	What are Different Basic Data Mining Tasks?	1(Remembering)

UNIT-IV

Q No.	QUESTIONS	Bloom's Taxonomy Level
31	Annotate on Supervised Learning and its Applications.	2(Understand)
32	Discuss about classification of Supervised Learning.	2(Understand)
33	Write a note on "Distance based Algorithm".	2(Understand)
34	What is neural network? Discuss the role of neurons.	2(Understand)
35	What are different decision tree based Algorithm.	2(Understand)
36	What are Probabilistic Classifiers? Explain	2(Understand)
37	Differentiate between Supervised and Un Supervised Algorithm.	4(Analyze)

38	What is Unsupervised Learning? Discuss with example.	2(Understand)
39	Define Hamming Distance, Euclidean distance and Manhattan Distance.	1(Remembering)
40	What is Self Organizing Map? Discuss its role.	2(Understand)

UNIT-V

Q No.	QUESTIONS	Bloom's Taxonomy Level
41	Define the term "Classification". Explain different types of Classifications.	2(Understand)
42	Write a note on Decision Trees.	2(Understand)
43	Simplify Split Algorithm based on Induction Theory.	4(Analyze)
44	What do you mean by Association rule mining? Discuss its Applications.	2(Understand)
45	Write about Naïve bayes Method in detail.	2(Understand)
46	Summarize DBSCAN Algorithm in detail with example.	2(Understand)
47	Differentiate between Parallel and Distributed Algorithms	4(Analyze)
48	What are Apriori Algorithms? .Discuss	2(Understand)
49	What are Hierarchical algorithms? Explain any one.	2(Understand)
50	What do you mean by Partitioning Algorithm? Discuss any one Algorithm.	2(Understand)