Code No: NR-45

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA IV Semester Supplementary Examinations January 2010
DATA WAREHOUSING AND MINING

Time: 3 hours   Max.Marks:60

Answer any FIVE questions
All questions carry equal marks

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1. Draw the three tire decision support information diagram deprieting the summary and detailed information.

2. Explain about metadata and Data mart concepts briefly with reference to data warehousing.

3. Explain the following terms:
   a) Fuzzy Logic
   b) Repository

4. Discuss about Data generalization and summarization based characterization

5. A database has four transaction let min-sup 2%

T1D	Items
T100	{K,A,D,B}
T200	{D,A,C,E,B}
T300	{C,A,B,E}
T400	{B,A,D}

   Find all frequent items sets using Apriori, Fp growth.

6. What is Hierarchical clustering? Describe DBSCAN algorithm.

7. Describe in detail Data mining primitives.

8. Write short notes on:
   a) Intelligent query answering   b) OLAP
   c) Text databases

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