

## DWDM QUESTIONS

**Que.1. (A)** Discuss the concept of star, snowflake and galaxy schema with help of suitable example.

**(B)** What are the technical issues to be considered when designing & implementing a data warehouse environment?

**Que.2.** Differentiate between the following:

- (i) Distributed and Virtual Data Warehouses.
- (ii) Meta Data and Data Marts.
- (iii) Operational Databases and Data Warehouse.

**Que.3.** Explain the following briefly:

- (i) Complex Aggregation at multiple Granularities.
- (ii) Data Warehouse back-end tools and utilities.

**Que.4.** Write short notes on:

- (i) KDD versus Data Mining.
- (ii) Tuning and Testing of Data Warehouse.

**Que.5. (A)** What is meant by data mining query language? How pattern presentation and visualization Specification can be done in DMQL.

**(B)** What is A-priori Algorithm? How it can be applied on any transactional database to discover association rules? Explain with a suitable example.

**Que.6. (A)** Differentiate between Neural Networks and Genetic Algorithms. How these are useful and used ? Explain in detail with examples.

**(B)** Explain how fuzzy techniques are important in data mining.

**Que.7. (A)** What do you mean by complex data objects? How mining can be performed on text databases, explain?

**(B)** Compare and contrast the mining techniques for spatial and multimedia databases in detail.

**Que.8. (A)** Explain the concept of pattern presentation and visualization specification in data mining.

**Que.9 (B)** What is Web Mining, Explain? What are the various outcomes which are expected after mining WWW?