Tribhuvan University

**Institute of Science and Technology**

2073

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Bachelor Level/ Fourth Year/ Seventh Semester/ Science                    Full Marks: 60
**Computer Science and Information Technology (CSc. 451)**          Pass Marks: 24
**(Data Warehousing and Data Mining)**                                    Time: 3 hours.
*Candidates are required to give their answers in their own words as for as practicable.*

## Group - A

**Attempt any <u>two</u> Questions**                                      **(10 x 2 = 20)**

1. Differentiate between Data-Warehouse and Data-mining..

2. Explain the DBMS vs. Data Warehouse.

3. Explain the K-mean and K-Mediod Algorithm with example.

## Group - B

**Attempt any <u>eight</u> Questions.**                                   **(8 x 5 = 40)**

4. Differentiate between Data marks and Meta data.

5. What do you mean by virtual data warehouse.

6. Explain the tuning and testing of Data Warehouse.

7. Differentiate between KDD and Data Mining.

8. Explain the data mining query language.

9. Explain the Aprion Algorithm.

10. Explain the types of Regression.

11. Explain the association rules with advantages and disadvantages.

12. Explain mining text databases.

13. Write short notes (Any Two)
    a) Data cubes
    b) HOLAP
    c) Spatial Database