

**LOVELY PROFESSIONAL UNIVERSITY**

**Academic Task No. 1**

**School of Computer Applications**

**Name of the faculty member: Dr. Geeta Sharma**

**Course Code: CAP-447**

**Course Title: DATA WAREHOUSING AND DATA MINING-LABORATORY**

**Program: MCA**

**Term: 121221**

**Max. Marks: 30**

**Is Rubric Applicable: \_\_\_\_\_**

**Date of Allotment: 05 Oct.2021**

**Date of Submission: 13 Oct.2021**

**For Odd Roll Numbers:**

Q1: Perform the steps to import data from your local computer.

Q2: Perform following Transformation operations on your data you imported in Q1:

- a) Sorting
- b) Filter numeric data
- c) Filter String data
- d) Remove attribute

Q3: Perform following Cleanse operations on your data:

- a) Auto Cleanse
- b) Normalisation
- c) Discretization

**For Even Roll Numbers:**

Q1. Perform the steps to import data from your local computer.

Q2. Perform following Transformation operations on your data you imported in Q1:

- a) Remove attribute
- b) Apply Range for first

- c) Sort
- d) Rename attribute

Q3: Perform following Cleanse operations on your data:

- a) Auto Cleanse
- b) Normalization
- c) Remove Duplicates