

**IV Sem BTech IT (Even 2024)    IT252 Database Systems    Mid Sem Lab Exam**

**Date: 21/02/2023(Wednesday)    Marks : 20Marks    Time: 9:00AM to 10:00AM**

**Note:**

- Design, develop, and implement the specified queries for the following problem using MySQL under LINUX environment.
- Create Schema and insert at least 5 records for each table. Add appropriate database constraints.

Q: Consider the schema for Movie Database:

ACTOR (Act\_id, Act\_Name, Act\_Gender)

DIRECTOR (Dir\_id, Dir\_Name, Dir\_Phone)

MOVIES (Mov\_id, Mov\_Title, Mov\_Year, Mov\_Lang, Dir\_id)

MOVIE\_CAST (Act\_id, Mov\_id, Role)

RATING (Mov\_id, Rev\_Stars)

Write SQL queries to

1. List the titles of all movies directed by 'Hitchcock'.
2. Find the movie names where one or more actors acted in two or more movies.
3. List all actors who acted in a movie before 2000 and also in a movie after 2015 (use JOIN operation).
4. Find the title of movies and number of stars for each movie that has at least one rating and find the highest number of stars that movie received. Sort the result by movie title.
5. Update rating of all movies directed by 'Steven Spielberg' to 5.

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