**WORKSHEET**

**WORKSHEET 5 SQL**

QUESTIONS:

**1. Write SQL query to show all the data in the Movie table.**

SELECT \* FROM movie

**2. Write SQL query to show the title of the longest runtime movie.**

SELECT title, MAX(runtime) FROM movie

**3. Write SQL query to show the highest revenue generating movie title.**

SELECT title, MAX(revenue) FROM movie

**4. Write SQL query to show the movie title with maximum value of revenue/budget.**

SELECT title, MAX(budget) FROM movie

**5. Write a SQL query to show the movie title and its cast details like name of the person, gender, character name, cast order.**

SELECT movie.title, person.person\_name, movie\_cast.character\_name, movie\_cast.cast\_order, gender.gender FROM movie m INNER JOIN movie\_cast mc ON m.movie\_id=mc.movie\_id INNER JOIN gender g ON mc.gender\_id=g.gender\_id INNER JOIN person p ON mc.person\_id=p.person\_id

**6. Write a SQL query to show the country name where maximum number of movies has been produced, along with the number of movies produced.**

**7. Write a SQL query to show all the genre\_id in one column and genre\_name in second column.**

SELECT \* FROM genre

**8. Write a SQL query to show name of all the languages in one column and number of movies in that particular column in another column.**

SELECT language.language\_name, movie.title FROM language l RIGHT JOIN movie\_languages ml ON l.language\_id=ml.language\_id INNER JOIN movie m ON ml.movie\_id=m.movie\_id

**9. Write a SQL query to show movie name in first column, no. of crew members in second column and number of cast members in third column.**

SELECT movie.title, COUNT(movie\_cast.person\_id), COUNT(movie\_crew.person\_id) FROM movie m RIGHT JOIN movie\_cast mc ON m.movie\_id=mc.movie\_id RIGHT JOIN movie\_crew mcr ON m.movie\_id=mcr.movie\_id

**10. Write a SQL query to list top 10 movies title according to popularity column in decreasing order.**

SELECT TOP 10 title FROM movie ORDER BY popularity desc

**11. Write a SQL query to show the name of the 3rd most revenue generating movie and its revenue.**

**12. Write a SQL query to show the names of all the movies which have “rumoured” movie status.**

SELECT title FROM movie HAVING movie\_status=”rumoured”

**13. Write a SQL query to show the name of the “United States of America” produced movie which generated maximum revenue.**

SELECT MAX(revenue), title FROM movie m INNER JOIN production\_country p ON m.movie\_id=p.movie\_id

**14. Write a SQL query to print the movie\_id in one column and name of the production company in the second column for all the movies.**

SELECT movie.movie\_id, production\_company.company\_name FROM movie m RIGHT JOIN movie\_company mc ON m.movie\_id=mc.movie\_id INNER JOIN production\_company pc ON mc.company\_id= pc.company\_id

**15. Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget.**

SELECT TOP 20 title FROM movie ORDER BY budget desc