WORKSHEET 5 SQL

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

Ans. select * from movies;

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

Ans. select title from movies ORDER BY runtime desc limit 1;

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

Ans. select title from movies ORDER BY revenue desc limit 1;

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

Ans. select title from movies ORDER BY budget desc limit 1;

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

Ans. select movies.title, movecast.person_name, movecast.gender ,movecast.character_name, movecast.cast_order from movecast INNER JOIN movies ON movies.movie_id=moveCast.movie_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.**

Ans. select count(country_name),country_name from production_country GROUP BY country_name;

7. **Write a SQL query to show all the genre_id in one column and genre_name in second column.**

Ans. 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.**

Ans. select language.language_name,count(movies.movie_id) from language INNER JOIN movie_language ON language.language_id =

movie_language.language_id INNER JOIN movies ON movies.movie_id = movie_language.movie_id GROUP BY movies.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.**

Ans. select movies.title, movie_cast.crew_mamber, movie_cast.cast_member from movies INNER JOIN movie_cast ON movies.movie_id = movie_cast.movie_id ;

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

Ans. select title from movies ORDER BY popularity asc limit 10;

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

Ans. select title,revenue from movies ORDER BY revenue desc limit 1 offset 2;

12. **Write a SQL query to show the names of all the movies which have "rumoured" mjjovie status.**

Ans. select title from movies where movie_status in ('rumoured');

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

Ans. select movies.title,movies.revenue from movies INNER JOIN production_country ON movies.movie_id = production_country.movie_id where country_name=' United States of America ' ORDER BY movies.revenue DESC limit 1;

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.**

Ans.

select movie_company.movie_id,production_company.company_name from production_company INNER JOIN movie_company ON movie_company.comapny_id = production_company.company_id;

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

Ans. select title from movies ORDER BY budget desc limit 20;