WORKSHEET 5 SQL

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

   Ans.1) SELECT * FROM movie;

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

   Ans.2) SELECT title FROM movie WHERE runtime=(SELECT MAX(runtime) FROM movie);

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

   Ans.3) SELECT title FROM movie WHERE revenue=(SELECT MAX(revenue) FROM movie);

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

   Ans.4) SELECT title FROM movie WHERE revenue=(SELECT MAX(revenue) FROM movie)
   OR budget = (SELECT 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.

   Ans.5) SELECT title, person_name, gender, character_name, cast_order FROM movie INNER
   JOIN movie_cast, person, gender on movie_id.movie=movie_id.movie_cast,
   gender_id.gender=gender_id.movie_cast, person_id.person=movie_id.movie_cast;

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.6) SELECT country_name.country, count(movie_id) FROM production_country INNER JOIN
   country GROUP_BY COUNTRY_ID SORT DESC LIMIT 1;

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

   Ans.7) 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.8) SELECT language_name, COUNT(movie_id) FROM language INNER JOIN movie_languages on
language_id.language=language_id.movie_languages GROUP_BY language_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.9) SELECT title.movie, count(person_id.movie_crew),
count(person_id.movie_cast) FROM movie INNER JOIN movie_crew, movie_cast on
movie_id.movie=movie_id.movie_cast, movie_id.movie=movie_id.movie_crew

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

Ans.10) SELECT movie_id, popularity FROM movie ORDER BY popularity DESC LIMIT 10;

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

Ans.11) SELECT title, revenue FROM movie ORDER BY revenue DESC LIMIT 3 WHERE revenue
NOT IN (SELECT revenue FROM movie ORDER BY revenue DESC LIMIT 2);

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

Ans.12) SELECT title FROM movie WHERE movie_status='rumoured';

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

Ans.13) SELECT title FROM movie INNER JOIN production_country, country on
movie_id.movie=movie_id.production_country,
country_id.country=country_id.production_country WHERE country_name='United States of
America' AND revenue=SELECT max(revenue) GROUPBY country_name;

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.14) SELECT movie_id.movie, company_name.production_company FROM movie INNER JOIN movie_company, production_company on movie_id.movie=movie_id.movie_company, company_id.production_company=company_id.movie_company;

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

    Ans.15) SELECT title FROM MOVIE ORDERBY budget DESC LIMIT 20;