

**Sql Set 5 – Answers – Vikas Pratap Singh
(Internship10)**

QUESTIONS:

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

ANS: `SELECT * FROM MOVIE;`

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

ANS: `SELECT TITLE FROM MOVIE ORDER BY RUNTIME DESC LIMIT 1;`

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

ANS: `SELECT TITLE FROM MOVIE 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 MOVIE ORDER BY REVENUE/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 TITLE, CHARACTER_NAME, GENDER, CAST_ORDER, PERSON_NAME FROM MOVIE INNER JOIN MOVIE_CAST ON MOVIE.MOVIE_ID=MOVIE_CAST.MOVIE_ID INNER JOIN GENDER ON MOVIE_CAST.GENDER_ID=GENDER.GENDER_ID INNER JOIN PERSON ON MOVIE_CAST.PERSON_ID=PERSON.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.

ANS: `SELECT COUNTRY_NAME, COUNT(TITLE) FROM MOVIE INNER JOIN PRODUCTION_COUNTRY ON MOVIE.MOVIE_ID = PRODUCTION_COUNTRY.MOVIE_ID INNER JOIN COUNTRY ON PRODUCTION_COUNTRY.COUNTRY_ID=COUNTRY.COUNTRY_ID GROUP BY COUNTRY_NAME ORDER BY COUNT(TITLE) DESC LIMIT 1;`

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_NAME, COUNT(TITLE) FROM MOVIE INNER JOIN MOVIE_LANGUAGES ON MOVIE.MOVIE_ID = MOVIE_LANGUAGES.MOVIE_ID INNER JOIN LANGUAGE ON MOVIE_LANGUAGES.LANGUAGE_ID=LANGUAGE.LANGUAGE_ID GROUP BY LANGUAGE_NAME;`

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 TITLE, COUNT (MOVIE_CAST.PERSON_ID), COUNT(MOVIE_CREW.PERSON_ID) FROM MOVIE INNER JOIN MOVIE_CAST ON MOVIE.MOVIE_ID=MOVIE_CAST.MOVIE_ID INNER JOIN MOVIE_CREW ON MOVIE.MOVIE_ID=MOVIE_CREW.MOVIE_ID;`

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

ANS: `SELECT TITLE, 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: `SELECT TITLE, REVENUE FROM MOVIE ORDER BY REVENUE DESC LIMIT 1 OFFSET 2;`

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

ANS: `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: SELECT TITLE FROM MOVIE INNER JOIN PRODUCTION_COUNTRY ON MOVIE.MOVIE_ID= PRODUCTION_COUNTRY.MOVIE_ID INNER JOIN COUNTRY ON PRODUCTION_COUNTRY.COUNTRY_ID = COUNTRY.COUNTRY_ID WHERE COUNTRY_NAME='United States of America' ORDER BY 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, COMPANY_NAME FROM MOVIE INNER JOIN MOVIE_COMPANY ON MOVIE.MOVIE_ID = MOVIE_COMPANY.MOVIE_ID INNER JOIN PRODUCTION_COMPANY ON MOVIE_COMPANY.COMPANY_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 MOVIE ORDER BY BUDGET DESC LIMIT 20;