**SQL-WORKSHEET SET-5**

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

ANS-SELECT \* FROM movie

Show columns from movie

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

ANS- SELECT \* FROM title

WHERE runtime=(SELECT MAX( runtime)

FROM runtime);

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

ANS- SELECT \* FROM title

WHERE revenue=(SELECT MAX( revenue)

FROM revenue);

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

ANS- SELECT \* FROM title

WHERE revenue=(SELECT MAX( revenue)

FROM revenue);

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

FROM movie AS a INNER JOIN products AS b on a character\_name,cast\_order=b. character\_name,cast\_order

FROM movie AS a INNER JOIN products AS c on a person\_name=c. person\_name

FROM movie AS a INNER JOIN products AS d on a gender=d. gender

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

FROM country AS a INNER JOIN products AS b ON a ‘country\_name’=’b.country\_name’

ORDER BY COUNT(‘movie id)DESC LIMIT

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

ANS- SELECT genre id,genre name

FROM movie genre AS a INNER JOIN products AS b ON a ‘genre\_id=’b.genre\_id

FROM genre AS a INNER JOIN products AS c ON a ‘genre\_name=’b.genre\_name

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,movie\_id

FROM language AS a INNER JOIN products AS b ON a language name=b.language name

ORDER BY COUNT(‘movie\_id’)DESC LIMIT 1;

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,no.of crew members,number of cast members

FROM movie

JOIN person\_name

ON person.person \_id=movie\_crew.person\_id

COUNT (‘person\_id’)

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

ANS-SELECT DISTINCT title,popularity

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.

ANS-SELECT \* FROM title

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

ANS-SELECT title

FROM movie AS a INNER JOIN movie AS b ON a ‘title’=b.’title’ WHERE status=’rumoured’

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

ANS-WITH x AS(SELECT title ,SUM(amount)AS revenue FROM movie AS a INNER JOIN revenue

SELECT movie,revenue FROM movie

WHERE revenue=(SELECT MAX(revenue)FROM movie);

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\_id,company\_name

(FROM movie,production\_company

NATURAL JOIN movie\_id

NATURAL JOIN company\_name);

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

ANS- WITH x AS(SELECT title ,SUM(amount)AS revenue FROM movie AS a INNER JOIN revenue

SELECT movie,revenue FROM movie

WHERE revenue=(SELECT MAX(revenue)FROM movie

ORDER BY revenueDESC

WHERE revenue<=20