WORKSHEET 5 SQL

Q1. Write SQL query to show all the data in the Movie table.

ans. SELECT * FROM movie;

Q2. Write SQL query to show the title of the longest runtime movie.

ans. SELECT movie_id, title, runtime

FROM movie

ORDER BY runtime desc

Q3 Write SQL query to show the highest revenue generating movie title

ans SELECT title, revenue, FROM movie WHERE revenue=(SELECT MAX(revenue) FROM movie);

or second way

SELECT movie_id, title, revenue

FROM movie

ORDER BY revenue desc

LIMIT 1;

Q4. Write SQL query to show the movie title with maximum value of revenue/budget.

ans.

SELECT title, budget FROM movie

ORDER BY budget

LIMIT 1;

Q5 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 m.title, p.person_name, g.gender, mc.character_name, mc.cast_order

FROM movie m

JOIN movie_cast mc

ON m.movie_id = mc.movie_id

join

Q6. 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(movie_id), country as c,production_countrty as pc FROM movie
(JOIN production_country ON

movie.movie_id = pc.movie_id (JOIN country ON c.country_id = pc.country_id))

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

Ans SELECT COUNT(genre_id) as id , COUNT(genre_name) as g.name

from genre

ORDER BY gnre_id DESC

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(movie_languages.movie_id)

FROM language l

JOIN movie_language ml

ON l.language_id = ml.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.

SELECT

movie.title,

COUNT(movie_crew.person_id)

COUNT(movie_cast.person_id)

FROM movie

JOIN movie_cast

ON movie.movie_id = movie_cast.movie_id

JOIN movie_crew

ON movie_crew.person_id = movie_cast.person_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

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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
LIMIT 2,1;
```

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

ans.
```
SELECT * FROM movie
WHERE movie_status = "rumoured    or

SELECT title,rumoured 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 country_name, country_id FROM country
JOIN production_country ON
movie_id = movie_id.country_id
```

JOIN movie ON movie_id WHERE revenue = (SELECT

MAX(revenue) FROM Movie AND country_name='United States of America' FROM country)

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 Movie_Company mc

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.

ans. SELECT title, budget

FROM movie

ORDER BY budget DESC

limit 20;