SQL Worksheet 5 Answers

Q1=
Write SQL query to show all the data in the Movie table.
➔select * from movie;

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

➔

```
select title from movie order by runtime desc limit 1;
```

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

➔

```
select title from movie order by revenue desc limit 1;
```

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

```
select title,budget from movie order by budget desc 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.

➔

```
select movie.title,movie_cast.person_id, gender.gender,
movie_cast.character_name, movie_cast.cast_order from movie join
movie_cast on movie.movie_id=movie_cast.movie_id join gender on
movie_cast.gender_id=gender.gender_id where gender.gender_id=2
limit 3\G
```

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.

➔

```
select country_name,count(country_name) as
no_of_movies_produced from movie as a join production_country as c
on a.movie_id=c.movie_id join country on
c.country_id=country.country_id group by country_name order by
count(country_name) desc;
```

Q7) Write a SQL query to show all the genre_id in one column and genre_name in second column.

➔

```
select * from genre;
```

Q8

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.

➔

```
select language_name,movie_id,count(language_name) from

movie_languages as m join language as l on

m.language_id=l.language_id group by language_name order by

count(language_name) desc;
```

Q9

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 title,count(cr.person_id),count(ca.person_id) from movie as m

join movie_crew as cr on m.movie_id=cr.movie_id full outer join

movie_cast as ca on m.movie_id=ca.movie_id group by title;
```

Q10

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

➔

```
select title,revenue from movie order by popularity desc limit 1;
```

Q11

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

➔

```
select title from movie order by revenue desc limit 2,1;
```

Q12➔

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

```
select title from movie where movie_status=&#39;Rumored&#39;;
```

Q13➔

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

```
select title,revenue from movie as m join production_country as pc

on m.movie_id=pc.movie_id join country as c on

pc.country_id=c.country_id where country_name=&#39;United States of

America&#39; order by revenue desc limit 1;
```

Q14➔
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.

```
select movie_id,company_name from movie_company as mc join

production_company as pc on mc.company_id=pc.company_id;
```

Q15➔
Write a SQL query to show the title of top 20 movies arranged in decreasing order of their budget.

```
select title from movie order by budget limit 20;
```