**MySQL Countries Answers**

1)What query would you run to get all the countries that speak Slovene? Your query should return the name of the country, language and language percentage. Your query should arrange the result by language percentage in descending order. (1)

**ANSWER**

SELECT countries.name, languages. language, languages. percentage FROM countries

JOIN languages ON countries.id = languages.country\_id

WHERE language = "Slovene"

ORDER BY percentage DESC;

2). What query would you run to display the total number of cities for each country? Your query should return the name of the country and the total number of cities. Your query should arrange the result by the number of cities in descending order. (3)

**ANSWER**

SELECT countries.name, COUNT(cities.name) AS city\_count FROM countries

JOIN cities ON countries.id = cities.country\_id

GROUP BY cities.country\_id

ORDER BY city\_count DESC;

3. What query would you run to get all the cities in Mexico with a population of greater than 500,000? Your query should arrange the result by population in descending order. (1)

**ANSWER**

SELECT name, population FROM cities

WHERE country\_code="MEX" AND population > 500000

ORDER by population DESC

4. What query would you run to get all languages in each country with a percentage greater than 89%? Your query should arrange the result by percentage in descending order. (1)

**ANSWER**

SELECT language, percentage FROM languages

WHERE percentage >89

ORDER by percentage DESC;

5. What query would you run to get all the countries with Surface Area below 501 and Population greater than 100,000? (2)

**ANSWER**

SELECT name, surface\_area, population FROM countries

WHERE surface\_area <501 AND population >100000

ORDER by surface\_area DESC;

6. What query would you run to get countries with only Constitutional Monarchy with a capital greater than 200 and a life expectancy greater than 75 years? (1)

**ANSWER**

SELECT name, government\_form, life\_expectancy,capital FROM countries

WHERE government\_form= "Constitutional Monarchy" AND capital >200 AND life\_expectancy>75;

7. What query would you run to get all the cities of Argentina inside the Buenos Aires district and have the population greater than 500, 000? The query should return the Country Name, City Name, District and Population. (2)

**ANSWER**

SELECT countries.name, cities.name, cities.district, cities.population FROM countries

JOIN cities ON countries.id = cities.country\_id

WHERE cities.district = "Buenos Aires" AND cities.population > 500000;

8. What query would you run to summarize the number of countries in each region? The query should display the name of the region and the number of countries. Also, the query should arrange the result by the number of countries in descending order. (2)

ANSWER

SELECT countries.region, COUNT(countries.name) AS country\_count FROM countries

GROUP BY countries.region

ORDER BY country\_count DESC;