1. What does SQL stand for?

○ Structured Question Language

○ Structured Query Language

○ Strong Question Language

2. Which SQL statement is used to extract data from a database?

○ GET

○ EXTRACT

○ SELECT

○ OPEN

3. Which SQL statement is used to update data in a database?

○ MODIFY

○ SAVE AS

○ UPDATE

○ SAVE

4. Which SQL statement is used to delete data from a database?

○ REMOVE

○ COLLAPSE

○ DELETE

5. Which SQL statement is used to insert new data in a database?

○ ADD RECORD

○ INSERT NEW

○ ADD NEW

○ INSERT INTO

6. With SQL, how do you select a column named "FirstName" from a table named "Persons"?

○ SELECT Persons.FirstName

○ EXTRACT FirstName FROM Persons

○ SELECT FirstName FROM Persons

7. With SQL, how do you select all the columns from a table named "Persons"?

○ SELECT * FROM Persons

○ SELECT Persons

○ SELECT *.Persons

○ SELECT [all] FROM Persons

8. With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" is "Peter"?

○ SELECT [all] FROM Persons WHERE FirstName='Peter'

○ SELECT [all] FROM Persons WHERE FirstName LIKE 'Peter'

○ SELECT * FROM Persons WHERE FirstName='Peter'

○   SELECT * FROM Persons WHERE FirstName<>'Peter'

9. With SQL, how do you select all the records from a table named "Persons" where the value of the column "FirstName" starts with an "a"?

○   SELECT * FROM Persons WHERE FirstName='%a%'

○   SELECT * FROM Persons WHERE FirstName LIKE 'a%'

○   SELECT * FROM Persons WHERE FirstName LIKE '%a'

○   SELECT * FROM Persons WHERE FirstName='a'

10. The OR operator displays a record if ANY conditions listed are true. The AND operator displays a record if ALL of the conditions listed are true

○   True

○   False

11. With SQL, how do you select all the records from a table named "Persons" where the "FirstName" is "Peter" and the "LastName" is "Jackson"?

○   SELECT * FROM Persons WHERE FirstName='Peter' AND LastName='Jackson'

○   SELECT FirstName='Peter', LastName='Jackson' FROM Persons

○   SELECT * FROM Persons WHERE FirstName<>'Peter' AND LastName<>'Jackson'

12. With SQL, how do you select all the records from a table named "Persons" where the "LastName" is alphabetically between (and including) "Hansen" and "Pettersen"?

○ SELECT * FROM Persons WHERE LastName BETWEEN 'Hansen' AND 'Pettersen'

○ SELECT LastName>'Hansen' AND LastName<'Pettersen' FROM Persons

○ SELECT * FROM Persons WHERE LastName>'Hansen' AND LastName<'Pettersen'

13. Which SQL statement is used to return only different values?

○ SELECT UNIQUE

○ SELECT DISTINCT

○ SELECT DIFFERENT

14. Which SQL keyword is used to sort the result-set?

○ ORDER

○ SORT

○ ORDER BY

○ SORT BY

15. With SQL, how can you return all the records from a table named "Persons" sorted descending by "FirstName"?

○ SELECT * FROM Persons ORDER BY FirstName DESC

○ SELECT * FROM Persons SORT BY 'FirstName' DESC

○ SELECT * FROM Persons ORDER FirstName DESC

○ SELECT * FROM Persons SORT 'FirstName' DESC

name	region	area	population	gdp
Afghanistan	South Asia	652225	26000000	
Albania	Europe	28728	3200000	6656000000
Algeria	Middle East	2400000	32900000	75012000000
Andorra	Europe	468	64000	
...				

16. Select the statement that shows the sum of population of all countries in 'Europe'

A. SELECT name, population FROM bbc WHERE region = 'Europe'

B. SELECT population FROM bbc WHERE region = 'Europe' SUM BY region

C. SELECT SUM(population) FROM bbc WHERE region = 'Europe'

D. SELECT SUM(population FROM bbc WHERE region = 'Europe')

17. Select the statement that shows the number of countries with population smaller than 150000

A. SELECT COUNT(population < 150000) FROM bbc

B. SELECT COUNT(name) FROM bbc WHERE population < 150000

C. SELECT COUNT(population) FROM bbc WHERE population le 150000

D. SELECT sum(population < 150000) FROM bbc

18. Select the result that would be obtained from the following code:

```
SELECT region, SUM(area)
  FROM bbc
 WHERE SUM(area) > 15000000
 GROUP BY region
```

A.

Europe	17000000

B.

Europe	17000000
Asia-Pacific	23460000
North America	21660000

C.   No result due to invalid use of the GROUP BY function

D.   No result due to invalid use of the WHERE function