**A**

1. Which of the following query finds employees with an experience more than 5?

A) Select \* From Data where experience>5;

B) select \* From Data;

C) Select \* From Data where experience>=5;

D) Select \* From Data where experience<=5;

1. What is the full form of SQL?

A) Structured Query Language

B) Structured Question Language

C) Structural Query Language

D) Structuring Query Language

1. Which of the following is not a Clause in SQL?

A) Below

B) Limit

C) Where

D) Group By

1. Convert (1001001100)2 to a decimal number
2. Which of the following is used to modify the data stored in the database?

A) SELECT

B)  INSERT INTO

C) UPDATE

D) LIMIT

1. Which of the following clause allows us to extract data in a range?

A) Between

B)  Range

C) Find In

D) Like

1. Internet global network.
2. Which of the following is true about NULL values in SQL?

A) A NULL value means zero.

B) A null value can only be used with numeric attributes.

C)  Null value just means that data of that attribute is not available.

D)  None of these.

1. Which of the following shows comment in SQL?

A) /\* This is a comment. \*/

B) # This is a comment.

C)  % This is a comment. %

D) & This is a comment.

1. Which of the following join extracts data of matching rows from both tables?

A) Full Outer Join

B)  Left Join

C) Right Join

D) None of these.

**B**

1. Which of the following is not an aggregate function in SQL?

A) SUM

B) AVG

C) COUNT

D) FIND

1. Which of the following query depicts the correct Select statement?

A) Select # From Data;

B) Select \* From Data;

C)  Select From Data;

D)  Select col1,col2 From;

1. Which of the following is not a data type in SQL?

A)int

B)varchar

C)image

D)blob

1. What is the full form of SQL?

A) Structured Query Language

B) Structured Question Language

C) Structural Query Language

D) Structuring Query Language

1. Convert 101012 into an octal number.
2. Which of the following query returns the results in ascending order of the experience column?

A) SELECT experience, name FROM Data;

B) SELECT name, experience FROM Data;

C) SELECT name, experience FROM Data Order By name ASC;

D) SELECT experience, name FROM Data Order By experience ASC;

1. Which all languages support the integration of SQL with them?

A) Java

B)C++

C)Python

D)All of these

1. Different computer systems, input and output devices (Harware in Information Systems)
2. Write a query to find the average pay of employees at Data assuming that the pay of each is calculated by the formula Pay = (experience\*1.5\*10000).

A) USE Data; SELECT (experience\*1.5\*10000) AS average\_pay FROM Data;

B) USE Data; SELECT average((experience\*1.5\*10000)) AS average\_pay FROM Data;

C) USE Data; SELECT AVGVALUE((experience\*1.5\*10000)) AS average\_pay FROM Data;

D)  None of the above.

10) Which of the queries below can be used to alter the Data table such that we can add a new gender column to our table?

A) ALTER TABLE Data ADD gender int;

B) ALTER TABLE Data gender varchar(10);

C) ALTER Data ADD gender varchar;

D) ALTER TABLE Data ADD gender varchar(10);

**C**

1. Which type of join is the query written below?  
   SELECT \*  
   FROM tableName1  
   INNER JOIN tableName2  
   ON tableName1.matchingColumn = tableName2.matchingColumn ;

A) Inner Join

B) Outer Join

C) Left Join

D) None of these

1. Information, its forms and methods of description.
2. Convert (1056)16 to an octal number.
3. Which keyword allows us to find the unique values in the database?

A) DISTINCT

B) UNIQUE

C) FIND

D) DIFF

1. Which of the following operator is used to extract pattern matching data from the database?

A) LIKE

B) SELECT

C) FIND

D) UPDATE

1. Which of the below queries can be used to rename the table Data to Data\_Info?

A) ALTER TABLE Data SET TO Data\_Info ;

B) ALTER TABLE Data TO Data\_Info ;

C) ALTER TABLE Data RENAME TO Data\_Info ;

D) ALTER TABLE Data UPDATE TO Data\_Info ;

1. Which of the following query returns the results in ascending order of the experience column?

A) SELECT experience, name FROM Data;

B) SELECT name, experience FROM Data;

C) SELECT name, experience FROM Data Order By name ASC;

D) SELECT experience, name FROM Data Order By experience ASC;

1. Which of the following is not a data type in SQL?

A)int

B)varchar

C)image

D)blob

1. Write a query to display the base pay and name of each employee at Data using the following formula to calculate base pay:

BP = 20000 + (experience\*5000)

Also, display the results with the highest-paid employee being the first.

1. USE Data; SELECT name ,(20000 + (experience\*5000)) AS Base\_Pay FROM Data;
2. USE Data; SELECT name ,(20000 + (experience\*5000)) AS Base\_Pay FROM Data order by experience DESC;
3. USE Data; SELECT name ,(20000 + (experience\*5000)) AS Base\_Pay FROM Data order by experience;
4. None of these
5. What is the full form of SQL?

A) Structured Query Language

B) Structured Question Language

C) Structural Query Language

D) Structuring Query Language

**D**

1. Which of the following query is correct to perform union on Data and location tables?

A) Select col1, col2,col3 FROM Data UNION Select col1, col2 FROM location;

B) Select name, id FROM Data UNION SELECT id, location FROM location;

C) Select name, id FROM Data UNION Select location, id FROM location;

D) All of the above

2. Which of the following query depicts the correct Select statement?

A) Select # From Data;

B) Select \* From Data;

C) Select From Data;

D) Select col1,col2 From;

3. Which of the following is used to modify the data stored in the database?

A) SELECT

B) INSERT INTO

C) UPDATE

D) LIMIT

4. Which of the following is not a part of CRUD operations in SQL?

A) Creating a table.

B) Deleting records from the table.

C) Creating a copy of a table.

D) Updating the data stored in the table.

5. Processing of information with text editors and table processors.

6. What is the full form of SQL?

A) Structured Query Language

B) Structured Question Language

C) Structural Query Language

D) Structuring Query Language

7. Write a query to display the base pay and name of each employee at Data using the following formula to calculate base pay:

BP = 20000 + (experience\*5000)

Also, display the results with the highest-paid employee being the first.

A) USE Data; SELECT name ,(20000 + (experience\*5000)) AS Base\_Pay FROM Data;

B) USE Data; SELECT name ,(20000 + (experience\*5000)) AS Base\_Pay FROM Data order by experience DESC;

C) USE Data; SELECT name ,(20000 + (experience\*5000)) AS Base\_Pay FROM Data order by experience;

D) None of these

8. Convert hexadecimal 2C to decimal number.

9. Which all languages support the integration of SQL with them?

A) Java

B)C++

C)Python

D)All of these

10. Which of the following operator is used to extract pattern matching data from the database?

A) LIKE

B) SELECT

C) FIND

D) UPDATE