EXAM

1. Use a list comprehension to create a list of the squares of all even numbers from 1 to 10.

2. Explain the difference between a list and a tuple in Python. Provide an example for each.

3. Write a Python `if` statement that checks if a variable `x` is greater than 10. If true, print "Above 10"; otherwise, print "10 or below."

4. Create a `for` loop that prints the square of each number in the range from 1 to 5.

5. Given a list `numbers = [1, 2, 3, 4, 5]`, write code to add the number 6 to the end of the list.

6. What is the difference between count, counta, and countblank?

7. How can we merge multiple cells text strings in a cell?

8. How can you split a column into 2 or more columns?

9. What is a Pivot Table?

10. What are the different types of filters in Tableau?

11. What is the difference between a dimension and a measure in Tableau?

12. What is a Parameter in Tableau?

13. What Are the Data Types Supported in Tableau?

14. Differentiate between Calculated column and measure in Power bi?

15. What are the different views available in Power BI Desktop?

16. What are the types of visualizations in Power BI?

17. What are constraints in sql ?

18. What are the types of relationships used in MySQL?