Question-1

DAX- stand for data analysis expressions. It is a formula language in Power BI used to calculate columns,measures,time intelligence

Question – 2

Calculated column – a column created using DAX that is added to a table. It is calculated for each row of the table.It is used when the result for each row, we want to group or slice.

Measures - A DAX formula that performs aggregation (SUM, AVERAGE, etc.).

We use it when we:

need aggregated data (e.g., total sales, average, percentage).

want the result to change based on slicers/filters.

Calculate total sales

Question - 5

Countrows – function counts the number of rows in a table.

Question-9

A circular dependency error occurs when two or more calculated columns or measures depend on each other in a loop — making it impossible for Power BI to resolve the calculation order.

Question-10

Row context refers to the **current row** being evaluated — it's like a **loop through each row** of a table.

Filter context is the **set of filters** that apply to a calculation — coming from slicers, visuals, page filters, or DAX functions.