**📌 Power BI Multiple-Choice Questions (MCQs)**

**1. Which component of Power BI is used for data visualization?**

A) Power Query  
B) Power Pivot  
C) Power View  
D) Power Automate

**Answer**: C) Power View

**2. What is the primary function of Power Query in Power BI?**

A) Data visualization  
B) Data transformation and cleaning  
C) Writing DAX formulas  
D) Creating relationships between tables   
**Answer**: B) Data transformation and cleaning

**3. What is the default file format of a Power BI report?**

A) .xlsx  
B) .pbix  
C) .csv  
D) .pbit

**Answer**: B) .pbix

**4. Which of the following is NOT a valid data source for Power BI?**

A) SQL Server  
B) Excel  
C) Google Sheets  
D) Photoshop  
**Answer**: D) Photoshop

**5. What does DAX stand for in Power BI?**

A) Data Analytics Expressions  
B) Data Analysis Expressions  
C) Dynamic Analysis Expressions  
D) Database Analytics Expressions  
**Answer**: B) Data Analysis Expressions

**6. Which visualization is best suited for showing trends over time?**

A) Bar Chart  
B) Line Chart  
C) Pie Chart  
D) Scatter Plot  
**Answer**: B) Line Chart

**7. In Power BI, a calculated column is created using:**

A) Power Query  
B) DAX  
C) SQL Queries  
D) Excel formulas  
**Answer**: B) DAX

**8. What is the purpose of relationships in Power BI?**

A) To connect multiple visuals  
B) To establish links between tables for better data modeling  
C) To create new calculated columns  
D) To clean data  
**Answer**: B) To establish links between tables for better data modeling

**9. Which type of join is used in Power BI relationships by default?**

A) Inner Join  
B) Left Join  
C) Right Join  
D) One-to-Many Relationship  
**Answer**: D) One-to-Many Relationship

**10. What function would you use in DAX to calculate the sum of a column?**

A) AVERAGE()  
B) SUM()  
C) COUNT()  
D) MAX()  
 **Answer**: B) SUM()

**11. What is a Power BI dashboard?**

A) A collection of datasets  
B) A single-page summary of reports and insights  
C) A list of calculated measures  
D) A tool for data cleaning  
**Answer**: B) A single-page summary of reports and insights

**12. What is the role of a slicer in Power BI?**

A) To merge datasets  
B) To create relationships  
C) To filter data dynamically  
D) To calculate new measures  
**Answer**: C) To filter data dynamically

**13. Which function in DAX is used to filter data based on a condition?**

A) FILTER()  
B) SELECT()  
C) FIND()  
D) SEARCH()

**Answer: A) FILTER()**

**15. What does the ‘Drill Through’ feature in Power BI allow users to do?**

A) Add more visuals to a report  
B) Filter data at a detailed level by clicking on a specific value  
C) Remove duplicate data  
D) Merge multiple datasets  
**Answer**: B) Filter data at a detailed level by clicking on a specific value