

MBA in BI Sem.2 Examination

BI-208 - PBI
DV

May-2025

Time : 1-30 Hours]

[Max. Marks : 70

- Instructions :**(1) This paper contains **Thirty Five** questions.
 (2) Each Question is of 2 Marks.
 (3) Each Question is of multiple choices.
 (4) All questions are compulsory.

NO.	QUESTION	Marks
Q.1	What is Power BI? a) business analytics tool b) database management system c) project management software d) graphic design tool	2
Q.2	Which file format is used to save Power BI reports? a) .pbix b) .pbw c) .xlsx d) .csv	2
Q.3	Functions that belong to the category of TEXT FUNCTION. a) IF b) DATE c) CONCATENATE d) COUNT	2
Q.4	Power BI can connect to data from: a) Excel b) SQL Server c) Web APIs d) All of the above	2
Q.5	Which of the following is NOT a type of filter in Power BI? a) Visual-level filter b) Page-level filter c) Report-level filter d) Column-level filter	2
Q.6	Which of the following is a way to filter data in Power BI? a) Slicer b) Scatter plot c) Histogram d) Line chart	2

- Q.7** Contains reference data such as descriptive attributes _____ **2**
- a) Fact table
 - b) Query table
 - c) Dimension table
 - d) Power BI table
- Q.8** Which language is used for queries in Power Query Editor? **2**
- a) SQL
 - b) M
 - c) DAX
 - d) R
- Q.9** What does the CALCULATE() function do in Power BI DAX? **2**
- a) Changes the context in which data is evaluated
 - b) Creates new columns
 - c) Filters a table
 - d) Summarizes a column
- Q.10** What is a measure in Power BI? **2**
- a) A connection to a data source
 - b) A visualization option for displaying data
 - c) A calculation based on data in a dataset
 - d) A filter that restricts the amount of data displayed in a report
- Q.11** What is the purpose of Power Pivot in Power BI? **2**
- a) To import and transform data from various sources
 - b) To create and manage data models
 - c) To analyze and visualize data
 - d) To share reports and dashboards with other users
- Q.12** Which of the following is NOT supported as a Power BI visualization? **2**
- a) KPI
 - b) Heatmap
 - c) Radar chart
 - d) Gantt chart
- Q.13** What is the role of bookmarks in Power BI? **2**
- a) Save specific filter states and visuals
 - b) Store data
 - c) Create automatic refresh
 - d) Add additional visuals
- Q.14** Drill-through pages in Power BI allow: **2**
- a) Filtering based on user input
 - b) Focusing on a single visual
 - c) Detailed analysis of a data point
 - d) Creating tooltips
- Q.15** What are the building blocks of Power BI? **2**
- a) Visual Studio, C#, and JSON files
 - b) Tiles, dashboards, databases, mobile devices

- c) Visualizations, datasets, reports, dashboards, tiles
d) None of the above
- Q.16** Where do you go to modify and transform data in Power BI? 2
a) Data Transformation
b) Query Editor
c) Question Editor
d) Data Modeling
- Q.17** Which of the following is a way to perform data modeling in Power BI? 2
a) Using the Data view
b) Using the Visualizations pane
c) Using the Format pane
d) Using the Developer tools
- Q.18** What is the purpose of the Power BI paginated report? 2
a) To create interactive and visually appealing reports and dashboards
b) To create static and printable reports
c) To create ad-hoc reports and analysis
d) To create reports that can be embedded in other applications
- Q.19** Which data type is not supported in Power BI? 2
a) General
b) Decimal Number
c) Binary type
d) Double
- Q.20** Calculate a result from an expression formula and the result can only be viewed in the visualization _____ 2
a) Measures
b) Function
c) Calculated column
d) Filter
- Q.21** Which of the following illustrates a Many to One relationship? 2
a) Many banana trees planted in a garden
b) Many gardens having no banana trees
c) 1 banana tree having many bananas on the tree
d) Many banana trees planted in more than 1 garden
- Q.22** Which of the following is NOT a Power BI view? 2
a) Report view
b) Data view
c) Model view
d) Chart view
- Q.23** Which aggregation function returns the number of distinct values? 2
a) COUNT
b) SUM
c) DISTINCTCOUNT
d) MAX

- Q.24** The primary use of tooltips is to: **2**
- a) Add additional pages
 - b) Provide contextual information when hovering
 - c) Create bookmarks
 - d) Schedule refreshes
- Q.25** Which visualization is ideal for comparisons across categories? **2**
- a) Bar chart
 - b) Card visual
 - c) Gauge
 - d) Matrix
- Q.26** Which is the correct DAX expression to calculate the sum of a column named 'SalesAmount'? **2**
- a) SUM('SalesAmount')
 - b) SUM([SalesAmount])
 - c) TOTAL('SalesAmount')
 - d) SUMCOLUMN('SalesAmount')
- Q.27** How do you calculate the average of the column 'OrderValue'? **2**
- a) AVG([OrderValue])
 - b) AVERAGE('OrderValue')
 - c) AVERAGE([OrderValue])
 - d) MEAN([OrderValue])
- Q.28** Which feature in Power BI allows users to drill down into data? **2**
- a) Filters
 - b) Drill mode
 - c) Bookmarks
 - d) Power View
- Q.29** What is the main purpose of Power Query? **2**
- a) Creating charts
 - b) Data transformation and cleaning
 - c) Report formatting
 - d) Uploading files
- Q.30** Power BI dashboards are: **2**
- a) Multi-page reports
 - b) Single-page summaries
 - c) Tables of data
 - d) Data models
- Q.31** The DAX function IF() is used to: **2**
- a) Filter data
 - b) Create conditional expressions
 - c) Sum values
 - d) Create relationships

- Q.32** Which of the following is NOT a data source that can be used in Power BI? **2**
- a) Excel spreadsheets
 - b) JSON files
 - c) Oracle databases
 - d) Adobe Photoshop files
- Q.33** Which of the following is a way to create a new measure in Power BI? **2**
- a) Using DAX formula language
 - b) Using SQL query language
 - c) Using Python programming language
 - d) Using JavaScript programming language
- Q.34** Which of the following is a way to create a report in Power BI? **2**
- a) Using the Power BI desktop application
 - b) Using the Power BI service
 - c) Using a mobile app
 - d) All of the above
- Q.35** What does DAX stand for in Power BI? **2**
- a) Data Analysis Expression
 - b) Data and XML
 - c) Dynamic Analytics Extension
 - d) Data App Expression
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