

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BCom DEGREE EXAMINATION MAY 2026
(Sixth Semester)

Branch – COMMERCE (BUSINESS ANALYTICS)

MAJOR ELECTIVE COURSE - II BI TOOLS FOR DATA VISUALIZATION

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	Which is the core component of Power BI ecosystem? (i) Power BI Desktop (ii) Excel (iii) SQL Server (iv) Sharepoint	K1	CO1
	2	Outline the component is used to refresh on-premises data_____ (i) Power BI Gateway (ii) Power BI Mobile (iii) Power BI App (iv) Power BI Desktop	K2	CO1
2	3	Which of the following is Power BI Desktop can be downloaded from? (i) Google Play Store (ii) Microsoft Store (iii) Apple App Store (iv) Oracle Website	K1	CO2
	4	Outline the visualization in Power BI represents _____ (i) Raw data (ii) Data in graphical format (iii) Database (iv) Query editor	K2	CO2
3	5	Which is the first step in connecting data in Power BI is? (i) Creating relationships (ii) Creating measures (iii) Designing reports (iv) Getting data	K1	CO3
	6	Show the appending queries requires tables to have _____ (i) Same number of visuals (ii) Same relationships (iii) Same dashboard (iv) Similar column structure	K2	CO3
4	7	Which of the following is calculated column is created using? (i) DAX formula (ii) Power Query only (iii) Dashboard tools (iv) Bookmarks	K1	CO4
	8	Outline the adjusting the calendar table is important for_____ (i) Visual color changes (ii) Exporting reports (iii) Page themes (iv) Time intelligence calculations	K2	CO4
5	9	Choose the Visual colors can be changed through the: (i) Formula bar (ii) Format pane (iii) Relationship view (iv) Footer	K1	CO5
	10	Show the reports can be exported to which formats: (i) PDF and PowerPoint (ii) Word only (iii) HTML only (iv) Notepad	K2	CO5

Cont...

SECTION - B (35 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** Marks (5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	List the key components of Business Intelligence.	K1	CO1
		(OR)		
	11.b.	How dashboards are created and shared in Power BI?		
2	12.a.	Explain the steps involved in creating a calculated table.	K2	CO2
		(OR)		
	12.b.	How do you create and use a slicer in Power BI?- Explain.		
3	13.a.	Identify the process of merging and expanding queries with suitable examples.	K3	CO3
		(OR)		
	13.b.	Identify to verify data using column quality into Power BI.		
4	14.a.	How do you explore tables and relationships in the data model?	K4	CO4
		(OR)		
	14.b.	List out the steps involved in preparing and cleaning up a final report.		
5	15.a.	How do you export a report to PowerPoint?-Analyze.	K4	CO5
		(OR)		
	15.b.	Alalyze the steps involved in creating and managing dashboards.		

SECTION -C (30 Marks)Answer **ANY THREE** questions**ALL** questions carry **EQUAL** Marks (3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Explain the Power BI ecosystem and its components.	K2	CO1
2	17	Explain the various steps involved in formatting columns.	K2	CO2
3	18	How to build copy queries and change data sources into Power BI?	K3	CO3
4	19	Analyze the steps involved to creating the final report pages.	K4	CO4
5	20	Explain the reports can be embedded and edited in Power BI Service.	K5	CO5

Z-Z-Z

END