



COG-145

IBM Cognos 8 BI Multidimensional Author

Exam number/code: COG-145

Exam name: IBM Cognos 8 BI Multidimensional Author

Questions & Answers: 57 Q&A

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Exam: COG-145 Certification Questions & Answers

Question 1:

Which of the following is true if a report author nests members in a crosstab report?

- A. Nested members are also known as complex members.
- B. The inner member must be on the level immediately below the outer member.
- C. Nested members must be members of hierarchies, not of the Measures folder.
- D. It is possible to nest members from different dimensions.

Answer: D

Question 2:

The "Sales" and "Inventory" data stores each have "Products" and "Time" dimensions. For drillthrough between the data stores on the "Products" and "Time" dimensions to work, which items in the structures must be identical in the data stores?

- A. Hierarchy names, member values
- B. Level order, level names
- C. Hierarchy names, snowflake schema
- D. Role value, internal keys

Answer: B

Question 3:

When the report consumer drills through from a dimensional member to a relational data item, what data type is passed?

- A. Category code
- B. Caption value
- C. Member unique name
- D. Business key

Answer: D

Question 4:

Which of the following statements is true about a slicer?

- A. It keeps the summary column in the report, and removes the detail columns.
- B. It affects the values of the cells of the report but not the rows or columns.
- C. It determines which set of members are displayed on the edges of the report.
- D. It removes all blank rows in the report to make it more focused.

Answer: B

Question 5:

A report author uses the following expression: lastPeriods(3,[2007/Mar]). What data will be returned when the report is run?

- A. The last 3 months before 2007/Mar
- B. 3 months, including 2007/Mar and the preceding 2 months
- C. The total of current Measure for 3 months including 2007/Mar and the preceding 2 months
- D. The month March of each of the 3 years 2005, 2006, and 2007

Answer: B

Question 6:

A report author creates an expression using the closingPeriod function to return the latest month found in the data source, and names the expression "Current Month". What can the report author do with "Current Month"?

- A. Use it to replace the lastPeriods(1,[Month]) expression currently in the report.
- B. Add it to an expression to find the current member for the Month level.
- C. Use it to determine the current quarter: parent([Current Month]).
- D. Use it as a report expression to display the current month in the page header of the report.

Answer: C

Question 7:

What does the following expression do: "generate([Product line],topCount(descendants(currentMember([sales_and_marketing].[Products].[Products]),[sales_and_marketing

- A. Returns the top two products by revenue for each product line.
- B. Finds the top two members by revenue at the product level and returns their respective ancestors at the product line level.
- C. Calculates the top two product lines for each product.
- D. Goes two levels up from products and returns the top members by revenue at that level.

Answer: A

Question 8:

What dimensional function is used to return the members on the level below the Product line level?

- A. Tail
- B. Lag
- C. Descendants
- D. BottomCount

Answer: C

Question 9:

The author has created a complex expression called "Sorted Products" on the row edge, which sorts product line by Revenue for 2006. What must the report author do to sort the members when drilling down?

Revenue	2006	2007
<i>Personal Accessories</i>	594,009,408.42	443,693,449.85
<i>Camping Equipment</i>	500,382,422.83	352,910,329.97
<i>Golf Equipment</i>	230,110,270.55	174,740,819.29
<i>Mountaineering Equipment</i>	161,039,823.26	141,520,649.70
<i>Outdoor Protection</i>	10,349,175.84	4,471,025.26

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Revenue	2006	2007
<i>Tents</i>	166,851,052.00	114,674,248.92
<i>Packs</i>	111,009,558.31	83,157,796.99
<i>Sleeping Bags</i>	98,164,939.40	68,730,008.17
<i>Cooking Gear</i>	83,917,515.27	58,313,800.35
<i>Lanterns</i>	40,439,357.85	28,034,475.54

- A. Configure the Ancestor drill behavior on the Sorted Products expression.
- B. Preserve the Sorted Products expression, but replace the underlying Product Set expression.
- C. Nothing, as the default drill behavior is sufficient in this case, to maintain sorting of the children.
- D. Set the behavior to Depth Based Expression, to maintain sorting at a lower level in the data source.

Answer: B

Question 10:

What is the default behavior when drilling down on an edge in a crosstab report?

- A. The level drilled on is replaced with the entire level below it.
- B. The edge expression is replaced with the children of the item drilled on.
- C. All edge expressions of the crosstab are replaced with their children.
- D. The edge expression is changed to another item in the query.

Answer: B

Question 11:

In a crosstab, Campaign is in the rows area, Order method type is in the columns area, and Quantity is the measure. Campaign and Order method type are specified in the query. The report runs, displaying quantity values for all years. Why does this happen?

- A. The dimension member from that dimension is implied.
- B. The order method member from that dimension is implied.
- C. The aggregate member from that dimension is implied.
- D. The default member from that dimension is implied.

Answer: D

Question 12:

Of the following prompt syntax expressions, which two are considered to be dimensional?

- 1) <expression> -> ?<prompt name>?
- 2) <expression> in ?<prompt name>?
- 3) <expression> = ?<prompt name>?
- 4) set(<expression> -> ?<prompt name>?)

- A. 1 and 4
- B. 1 and 2
- C. 2 and 3
- D. 3 and 4

Answer: A

Question 13:

In a crosstab report, the report author wants a column to display a percentage of overall revenue that a particular product contributed to. Which of the following is a valid dimensional expression for this purpose?

Revenue	2004	2005	2006	2007
Star Lite	34,678,132.92	44,968,936.11	52,517,671.08	36,026,810.37
Star Dome	18,655,898.74	23,826,752.77	28,721,600.42	20,922,292.17
Star Gazer 2	30,868,091.85	38,190,959.73	46,895,494.80	31,828,582.50
Star Gazer 3	17,119,586.61	21,159,359.68	26,727,987.52	18,007,175.68
Star Gazer 6	6,837,403.18	8,430,270.95	10,663,457.48	7,022,218.14
Star Peg	867,031.94	1,094,002.62	1,324,840.70	867,170.08

- A. tuple([Revenue]/[Products]*[Revenue])
- B. [Revenue]/([Revenue]*[Products])
- C. [Revenue]/tuple([Revenue],[Products])
- D. [Products]/[Revenue]*[Products]

Answer: C

Question 14:

The report author wants to create a report to compare the sales of product types for special sales promotions in 2005 and 2006, but the report will exclude regular sales. Which style of authoring and which function will the report author use to create this report from a cube data source?

- A. Relational authoring style, except function
- B. Dimensional authoring style, minus function
- C. Dimensional authoring style, except function
- D. Relational authoring style, minus function

Answer: C

Question 15:

To create a report from the data source shown, what entities will the report author use?



- A. Members
- B. Values
- C. Levels
- D. MUNs

Answer: B

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