QUESTION 1

A report author creates the following nested report using 2 adjacent levels of the same hierarchy. Users should be able to drill down on the inner nesting with the outer nesting remaining unchanged. What advanced drilling behavior should the report author use to achieve this?

A. Replace Expression
B. Depth Based Expression
C. Preserve
D. Replace Item

Correct Answer: C  Section: (none) Explanation

Explanation/Reference:

QUESTION 2

To display all individual campaigns in a crosstab report, a report author could use the expression set([TrailChef Campaign],[EverGlow Campaign],[Course Pro Campaign]). Instead, the report author decides to use the parent member of the campaigns in the set expression "children([All Campaigns])". Which statement is true about the method that was used?

A. In the future, when a campaign is deleted or new ones are added, the report author must modify the expression.
B. In the future, when a campaign is deleted or new ones are added, the unmodified expression will be valid.
C. The report author should not have used the method chosen, as the first method is best in this situation.
D. To be accurate, the report author should avoid using a set expression.

Correct Answer: B  Section: (none) Explanation

Explanation/Reference:
QUESTION 3
Which of the following statements is correct about the order function?

A. The currentMeasure function must be used with the order function as the sort by criterion.
B. It arranges members of all sets in the report by ascending or descending values.
C. Optional parameters allow the author to order the members of a hierarchy without regard of their level.
D. It arranges members of a set alphabetically by ascending or descending captions.

Correct Answer: C
Section: (none)
Explanation:

Explanation/Reference:

QUESTION 4
To create a report from the data source shown, what entities will the report author use?

A. Members
B. Values
C. Attributes
D. MUNs

Correct Answer: B
Section: (none)
Explanation:

Explanation/Reference:

QUESTION 5
A report author is working with an OLAP data source. The report author creates a query that uses a caption function on a member and applies a string function. What is a possible consequence of this action?

A. Using these dimensional methods will not work with an OLAP data source.
B. The mapped string values will not pass through to the target report.
C. There is nothing wrong with this approach.
D. Mixing dimensional styles and relational styles in a single query can create unexpected results.

Correct Answer: D
Section: (none)
Explanation
Question 6
When must a report author use the caption function?

A. As the first parameter of the roleValue function.
B. To return the display name for the specified business key.
C. To see the string display name for the specified element.
D. To pass the returned value to a drill-through target report, this expects a matching string as a parameter value.

Correct Answer: D

Question 7
Instead of prompting the user to select any countries in Europe, the report author wants to constrain the user to select one or more countries from the Northern Europe region. What kind of prompt should be used and how can this be achieved?

A. This is not possible because a prompt must always be populated with all members of a level.
B. Create a multi-select value prompt. Populate it using an expression on the [Northern Europe] member to retrieve its children on the country level.
C. Generate a prompt by creating an expression with a parameter on the crosstab edge: children([Northern Europe]->?Country?)
D. Create a tree prompt, and populate it using an expression on the [Northern Europe] member to retrieve its children at the country level.

Correct Answer: B

Question 8
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?

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.

Correct Answer: B  Section: (none)  Explanation

Explanation/Reference:

QUESTION 9

Which of the following family functions is most similar to the relative time function parallelPeriod?

A. Cousin

B. PrevMember

C. Siblings

D. OpeningPeriod

Correct Answer: A  Section: (none)  Explanation

Explanation/Reference:

QUESTION 10

What is a key difference between the total function and the aggregate function?

A. The aggregate function can only summarize within a set, and the total function can accept separate members.

B. The aggregate function is dimensional, and the total function is relational.

C. The aggregate function will summarize only the currentMeasure, and the total function will summarize any specified measure.

D. The aggregate function follows the rollup rules of the measure defined in the data source, and the total function adds the total of the specified measure.

Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

QUESTION 11

What is true about MUNs?
A. A MUN is a business key that allows drill through between packages.

B. A MUN is a key with a unique value at each level.

C. A MUN contains the fully qualified path to a member.

D. A MUN is a category code that is generated when the cube is built.

Correct Answer: C Section: (none)Explanation

Explanation/Reference:

QUESTION 12

The report author uses the filter function to focus data in a report, but the results are unexpected. What did the report author overlook when filtering the data?

A. Relational detail
B. Products hierarchy
C. Report context
D. Root levels

Correct Answer: C Section: (none)Explanation

Explanation/Reference:

QUESTION 13

When would a report author define a set?

A. To create a slicer to focus on a specific number of years of data in a report.
B. To change the crosstab node member properties for a level.
C. To use as a summary function to return the total of the specified members.
D. To return members from different hierarchies of the same dimension.

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 14

Consumers want a report to compare the revenue and quantity sold for all product lines in a selected
quarter, to the same quarter for the previous year. They also want to see the total for periods, up to and including the quarter selected. Which of the following dimensional functions could the report author use to create this report?

A. Ancestor, currentMember, lead, total
B. OpeningPeriod, order, quarter, Firstsibling
C. Cousin, tuple, closingPeriod, aggregate
D. ParallelPeriod, tuple, periodsToDate, aggregate

Correct Answer: D Section: (none)Explanation

Explanation/Reference:

QUESTION 15

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

Correct Answer: A Section: (none)Explanation

Explanation/Reference:

QUESTION 16

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.
Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 17
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.

Correct Answer: B Section: (none) Explanation

QUESTION 18
Which of the following are dimensional objects?
A. Sets and query calculation
B. Query subject and relationship cardinality
C. Slicer and string function
D. Level and member

Correct Answer: B Section: (none) Explanation

QUESTION 19
A report author creates a revenue report from an OLAP data source. On the rows, there are nested levels, each from different dimensions having a large number of members. The report author filters out empty rows using the expression "[Revenue] > 0". When running this report, there is poor performance. What could cause this?
A. There are too many members or levels nested on the row edge.
B. Filtering on measure values is incompatible with an OLAP data source.
C. Limiting the crosstab measures with a filter function.
D. A relational filter was applied.
Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

QUESTION 20

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

Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

QUESTION 21

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.

Correct Answer: D  Section: (none)  Explanation

Explanation/Reference:

QUESTION 22

A crosstab report has product lines in the rows, years in the columns, and revenue as the measure. In Query Explorer, from the source tree, the report author drags the order method Telephone to the Slicer pane. Why does the report author do this?

A. To help to set the context.
B. To create an ordered set.
C. To return only one tuple.
D. To aggregate the telephone member.

**Correct Answer: A Section: (none) Explanation**

**Explanation/Reference:**

**QUESTION 23**

When a report author inserts Revenue into the Measures area of a blank crosstab report, which of the following statements is correct?

A. The report author has implicitly set the default measure for the crosstab report to be Revenue.

B. The report author must verify the aggregation properties of Revenue to make sure it will display correctly.

C. The report author has declared a currentMember function to return the Revenue data.

D. The report author must validate the expression for Revenue to ensure there are no crosstab errors.

**Correct Answer: A Section: (none) Explanation**

**Explanation/Reference:**

**QUESTION 24**

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

**Correct Answer: B Section: (none) Explanation**

**Explanation/Reference: QUESTION 25**

A report author creates a report with a drill-through definition. In the target report the parameter expression is "<Level expression> ->??P??". What type of data must be passed to the parameter?

A. A member from the level

B. Any member from the hierarchy
C. A value
D. A business key from the level

Correct Answer: A

Explanation/Reference:

QUESTION 26

The sales manager requires a crosstab report to display the top 3 sales people for the month. Considering that an OLAP data source is used, what will the report author use when creating this report?

A. A set expression
B. An axis title
C. A percent of base calculation
D. The hierarchize function

Correct Answer: A

Explanation/Reference:

QUESTION 27

What type of prompt would a report author use to return a set of members from a hierarchy?

A. Select and Search Prompt
B. Value prompt
C. Tree prompt
D. Prompt Page

Correct Answer: C

Explanation/Reference:

QUESTION 28

The following expression is used to focus OLAP data in the rows of a report:

\( \text{filter([sales and marketing].[Order method].[Order method].[Order method type], [Revenue] > 150000000]) } \)

Which of the following statements describes the purpose of the expression?

A. To return the set of members whose revenue is less than 150000000 for any year.
B. To return the set of members whose revenue is greater than 150000000 for the sum of the opposite edge.

C. To filter the cell values by subtracting 150000000 from the revenue for each year and order method type.

D. To filter the years to show those having revenues greater than 150000000 by order method type.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 29

Based on the crosstab displayed, the report author creates a singleton using the tuple function as follows: tuple([Camping Equipment],[Revenue],[2006]). Which of the following will appear in the singleton when the report is run?

A. Camping Equipment, 500,382,422.83, 2006

B. 500,382,422.83

C. Camping Equipment, Revenue, 2006

D. Nothing, singletons are not dimensional objects.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 30

In the data source shown, what dimensional component is selected?

A. Dimension

B. Hierarchy

C. Namespace

D. Level

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 31
A report author uses an OLAP cube to create a crosstab with Revenue as a measure, the Product line level in the rows, and the year members (2004-2007) in the columns. How can the report author efficiently determine the difference in revenue between the years 2005 and 2006?

A. Determine MUNs for the years 2005 and 2006, and then create an expression using the MUNs.

B. Create a new column as a query calculation, and create the expression [2006][2005].

C. Create a set of the 2005 and 2006 members and aggregate it.

D. Ask the modeler to create a calculated category in Transformer and then use it directly.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 32

A report author has created a crosstab report from the data source shown. The Retailer name level has been dragged to the rows and default drilling up and down has been activated. What will be displayed in the report if the consumer drills up on one of the members of Retailer name?

A. The parent member of the member drilled on.

B. The ancestors of the member drilled on from the whole Retailers hierarchy.

C. The members from the Region level.

D. The members from the Retailer country level.

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 33

The following expression is used in a crosstab report: filter([sales_and_marketing]. [Product brand].[Product brand].[Product brand type],[Revenue]<100000000). There are 26 product brand types in the OLAP data source. Why does the report only return 11 product brand type rows?

A. A relational function was used to filter on the measure values, not the members.

B. A dimensional function was used to filter on each column.

C. A relational function was used to filter on the members, not the measure values.

D. A dimensional function was used to filter on the total of the opposite edge.

A. A relational function was used to filter on the measure values, not the members.
QUESTION 34

Which of the following statements is true about explicitly defined member sets?

A. They must have drill behavior defined manually.
B. They assume the drill behavior from the top member set in the same branch.
C. They are automatically configured for default drill behavior.
D. They are too complex to enable drilling.

Correct Answer: A

Explanation/Reference:

QUESTION 35

A report runs, and is 433 pages long, with 19,010 rows. Many of the rows are blank. The report author uses a filter function to filter nulls, and runs the report again. The result is 143 pages, with 6273 rows, and none of the rows are blank. What filtering style did the report author decide to use?

A. Conventional
B. Dimensional
C. Relational
D. Functional

Correct Answer: B

Explanation/Reference:

QUESTION 36

What does the following expression do: "generate([Product line],topCount(descendants(currentMember([sales_and_marketing].[Products].[Products].[Product]),[sales_and_marketing].[Products].[Products].[Product]),2,[Revenue]))"?

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.

Correct Answer: A

Explanation/Reference:

QUESTION 37

If the syntax for the head function is head(set_exp[,index_exp]), then which of the following expressions is correct?

A. head(members([sales_and_marketing].[Products].[Products].[Product line]),2)
B. head(([sales_and_marketing],[Products],[Products],[Product line]),[2])
C. head(order([sales_and_marketing],[Products],[Products],[Product line]),2)
D. head(members([sales_and_marketing],[Products],[Products],[Product line],[2]))

Correct Answer: A

Explanation/Reference:

QUESTION 38

Based on the diagram, if the expression firstSibling([2006 Q 1]) is used in the report, what item will be returned?

A. 2005 Q 1
B. 2006 Q 4
C. 2006 Q 1
D. Nothing, because the return value equals the parameter

Correct Answer: C

Explanation/Reference:

QUESTION 39

A data source has a Time hierarchy, a Products hierarchy, and a Retailers hierarchy. What are the preferred techniques the report author would use to focus reports for this type of a data source?

A. Dimensional functions and slicers
B. Use Members directly
C. Ancestors and descendants
D. Detail filters and summary filters

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 40

What kind of authoring style uses the filter function?
A. Relational
B. Conformed
C. Dimensional
D. DMR

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 41

Can a prompt be used in the expression of a slicer?
A. Yes, if the correct syntax is used.
B. No, the slicer syntax is not compatible with prompt syntax.
C. Yes, if the slicer is a hierarchy.
D. No, the slicer must be manually created by the report author.

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 42

The report author creates a source report that contains values from "Products" on which the report consumer will drill through for details. The report author has created a target report which expects a member from the source. Is this a supported drill-through combination?
A. Yes, this value-to-member drill-through is a supported combination.
B. No, this value-to-member drill-through is not a supported combination.
C. No, this member-to-value drill-through is not a supported combination.
D. Yes, this member-to-value drill-through is a supported combination.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 43
What dimensional function is used to return the members on the level below the Product line level?
A. Set
B. Children
C. Descendants
D. members

Correct Answer: C Section: (none) Explanation

Explanation/Reference:

QUESTION 44
Why would a report author consider overriding the default drill behavior?
A. To maintain the behavior of a complex edge expression after drilling, such as one which returns the top 5 members of a set.
B. To replace all members within a hierarchy when drilling through to a report with more detail.
C. To drill down to the lowest level of the hierarchy and then drill down again to display only one member.
D. To drill down on a member and have its children display as details and have the member drilled on display as summary.

Correct Answer: A Section: (none) Explanation

Explanation/Reference:

QUESTION 45
Which statement is true about MUNs?

A. They are used to define roll-up properties in a hierarchy.
B. They are used to retrieve members from the data source.
C. They change each time the package is published.
D. They are used to retrieve levels from the data source.

Correct Answer: B

Explanation/Reference:

QUESTION 46

A report author creates a crosstab as shown. What is the default measure of the report?

A. Mountaineering Equipment
B. Camping Equipment
C. Gross profit
D. Revenue

Correct Answer: D

Explanation/Reference:

QUESTION 47

What functionality will allow the report consumer to focus the report each time it is run?

A. Filter a MUN
B. Use a prompt
C. Build a slicer
D. Use a dimensional function

Correct Answer: B

Explanation/Reference:

QUESTION 48
The "Sales" and "Inventory" data stores each have "Products" and "Time" dimensions. For drill-through 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

**Correct Answer: B**

**Section:** (none)

**Explanation/Reference:**

**QUESTION 49**

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?

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

**Correct Answer: C**

**Section:** (none)

**Explanation/Reference:**

**QUESTION 50**

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, filter function
C. Dimensional authoring style, except function
D. Relational authoring style, filter function
QUESTION 51

The dialog box shown appears when a report is run. What should the report author do to correct the situation?

A. Ask the modeler to rename the hierarchy to '[sales_and_marketing].[Products].[Products].[Products]', and to republish the package.

B. Modify the expression to change the 'currentMember' function to 'currentLevel'.

C. Modify the expression to change the 'currentMember' function to 'currentHierarchy'.

D. Modify the expression to 'currentMember([sales_and_marketing].[Products].[Products])'.

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 52

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.

Correct Answer: B Section: (none) Explanation

Explanation/Reference:

QUESTION 53

Assuming that Star products and Husky products are sets, which statement below is correct about the sets in the graphic?

A. Each set is a grouping of members from different hierarchies.

B. The report creates a query for each member of the set.

C. The query displays each set as all the members of the level.
D. Each set can be sorted and aggregated.

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 54

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.

Correct Answer: D Section: (none) Explanation

Explanation/Reference:

QUESTION 55

The report author creates a query where two items (TopThree and Retailer country) exist in the same member set. The expression for TopThree is: topCount([Retailer country],3,[Revenue]). What drill behavior should the report author set in order to display the top three children instead of all children on drill down?

A. Configure TopThree to Change Expression, and configure Retailer country to Preserve.

B. Configure TopThree to Preserve, and configure Retailer country to Preserve.

C. Configure TopThree to Preserve, and configure Retailer country to Replace Expression.

D. Configure TopThree to Ancestor, and configure Retailer country to Change Expression.

Correct Answer: C Section: (none) Explanation Explanation/Reference:

QUESTION 56

A report author can use a slicer to do what?

A. Make the report database smaller and efficient
B. Provide context to intersection values

C. Reduce the number of members on the edge of the crosstab.

D. Generate a zero suppression filter in the rows

Correct Answer: B Section: (none)

Explanation/Reference: