

**Exam Code:** BI0-125

**Exam Name:** Cognos 8 BI Data Warehouse Developer

**Vendor:** Cognos

**Version:** DEMO

## Part: A

1: What can be done to minimize memory consumption?

- A.Remove elements from the delivery.
- B.Add the fact build to a JobStream.
- C.Enable dimension breaking on the fact build.
- D.Enable auditing on the fact build.

**Correct Answers: C**

2: During execution, a fact build generated the following messages in the log file:

```
[INTERNAL - 11:14:05]Hash: 118 page(s), 135173 of 150000 slots  
in use (90%), 0 reusables, avg 2.56 hits  
[INTERNAL - 11:14:05]Hash: table full, restructuring  
[INTERNAL - 11:14:05]Hash: resizing table from 150000 to 225000  
[INTERNAL - 11:14:05]Hash: table restructuring complete
```

What can be done to avoid seeing the last three lines when the build is executed again?

- A.Increase the initial size of the hash table.
- B.Decrease the size of the page pool.
- C.Disable audit logging.
- D.Increase the amount of working memory (in megabytes).

**Correct Answers: A**

3: To reduce memory usage, what should be done when setting up dimension breaking for a fact build?

- A.Ensure that each data source is sorted by the same set of dimensions, in the same sequence.
- B.Specify at least one aggregate rule for each dimension element for which breaking is enabled.
- C.Disable the hash table and page pool for the fact build.
- D.Disable late arriving facts processing for the fact build.

**Correct Answers: A**

4: A fact build has two data sources that need to undergo the same calculation for every input row, and the data will be merged. Where should the derivation be created?

- A.In the DataStream.
- B.In each data source.
- C.In the transformation model.
- D.In the output filter.

**Correct Answers: A**

5: Incoming records show the number of drink packs sold by date. This information is referenced by lookups. Each drink pack contains two or more individual drinks. The developer wants to add a column to the fact table that shows how many individual drinks have been sold, not how many drink packs have been sold. What should be created to accomplish this?

- A.DataStream derivation
- B.Data source derivation
- C.Derived measure

D.Derived dimension

**Correct Answers: D**

6: Which of the following is true of a derivation that has been created in the transformation model?

A.The derivation cannot be disabled once it has been added to the transformation model.

B.The derivation can be added to a dimension build delivery.

C.The derivation can be used to perform calculations in the SQL statement of a data source.

D.The derivation can be added to a fact build delivery.

**Correct Answers: D**

7: A developer has created a derivation in a data source. When will this derivation be calculated?

A.As each row is retrieved from the data source.

B.After the source data is pivoted, but before it is merged and aggregated.

C.After each row has been moved into the DataStream.

D.Before the source data is pivoted, but after it is merged and aggregated.

**Correct Answers: A**

8: Which of the following is true of transformation model derivations?

A.They can be created within a static member.

B.They can consist of a string literal.

C.They can be used as sources for an attribute element.

D.They can be used as sources for a measure element.

**Correct Answers: B**

9: Why would an index be created on a fact table?

A.To enable the rejecting of duplicate rows.

B.To make it easier to drop and recreate the fact table.

C.To enable the merging of duplicate rows.

D.To improve update performance on a relational delivery.

**Correct Answers: D**

10: Which element does Data Manager use to identify duplicate rows?

A.Dimension

B.Attribute

C.Measure

D.Index

**Correct Answers: A**