

**IBM COG-500**

**IBM Cognos 8 Analytic Applications Developer**

**Practice Test**

**Version: 14.20**

**QUESTION NO: 1**

What do you call a single dimension that supports distinct logical uses in a warehouse model?

- A. an outrigger dimension
- B. a role-playing dimension
- C. a self-join dimension
- D. a bridge dimension

**Answer: B**

**Explanation:**

**QUESTION NO: 2**

In which situation would you use a factless fact?

- A. When numeric measurement values are not always available from the source system.
- B. When the target warehouse is fully refreshed on a regular basis with numeric measurement values.
- C. When business process events have no natural numeric measurement values.
- D. When multi-grain measurement values will be stored on the fact table.

**Answer: C**

**Explanation:**

**QUESTION NO: 3**

Which three connectivity types are required by Adaptive Warehouse to operate properly? (Choose three.)

- A. a native (RDBMS) connection to the IBM Cognos 8 Content Store
- B. a connection to your source data
- C. a gateway URI connection to the IBM Cognos BI Server
- D. a gateway URI connection to LDAP security services
- E. a native (RDBMS) connection to your target warehouse database

**Answer: B,C,E**

**Explanation:**

**QUESTION NO: 4**

What is a purpose of the Adaptive Application Framework (AAF) Runtime version?

- A. to execute Adaptive Analytics Reports
- B. to execute the Adaptive Warehouse User Interface (UI)
- C. to deploy Adaptive Warehouse generated Framework Manager models
- D. to execute Adaptive Warehouse (AW) load management scripts

**Answer: D**

**Explanation:**

**QUESTION NO: 5**

A warehouse fact object called "CERTIFY" is populated. Which database object would contain the SID column references to the related dimensions?

- A. CERTIFY\_FX
- B. CERTIFY
- C. CERTIFY\_DX
- D. CERTIFY\_MEASURES

**Answer: D**

**Explanation:**

**QUESTION NO: 6**

Which two statements are correct about Row to Column Pivot Transformations? (Choose two.)

- A. Row to Column Pivots convert multiple source row data into multiple columns.
- B. Row to Column Pivots reduce the number of source rows processed into the target tables after the merge step.
- C. Row to Column Pivots require the possible values for the pivot by item to be entered in the transformation object.
- D. Row to Column Pivots can take a source table that links to itself to define the node-to-parent node relationship and populate each of the different levels.

**Answer: A,C**

**Explanation:**

**QUESTION NO: 7**

Which three actions can reduce the time taken to load data into the warehouse? (Choose three.)

- A. Select bulk load.
- B. Apply a load partition.
- C. Truncate work tables.
- D. Reduce the commit interval.
- E. Apply a change data capture (CDC) filter.

**Answer: A,B,E**

**Explanation:**

**QUESTION NO: 8**

What can help to prevent unmatched member records from being created when loading data into the warehouse?

- A. Create a custom hierarchy.
- B. Include dependents in the load.
- C. Load facts and then load dimensions.
- D. Publish the target model.

**Answer: B**

**Explanation:**

**QUESTION NO: 9**

The measure GL Balance Amount is stored on the fact table as a cumulative total of activity on an account. The business requirement is to add together GL Balances over different accounts and different responsibility centers, but it would be incorrect to add together GL Balances over different time periods. Which approach should be used in the FM target model to model the GL Balance Amount?

- A. a model using the Time-state Rollup property on the Calendar
- B. a model using an Allocation Rule on the measure
- C. a model using a prompt macro on Time Period on the fact
- D. a model using aggregate rules on the measure

**Answer: D**

**Explanation:**

**QUESTION NO: 10**

A customer asks you how to handle a retail 4-4-5 calendar to report sales by sales period rather than by month. What should you tell the customer?

- A. Create a custom Dimension object using your calendar data as a source.
- B. Customize your calendar using the lunar calendar option and specifying 4-4-5 as the week pattern.
- C. Update the calendar relationship to your sales fact to use a weekly grain; you can then add period grouping manually in the target model.
- D. Create a new Custom Calendar object using a spreadsheet file with the 4-4-5 period definitions as a data source.

**Answer: D**

**Explanation:**

**QUESTION NO: 11**

What are two situations where an External Procedure call can be applied and when can it be called in Adaptive Warehouse (AW)? (Choose two.)

- A. on a dataflow, after data extraction but before data load
- B. on an input source, before data extraction
- C. on an input source, after data extraction
- D. on a dataflow, after data load is complete

**Answer: A,D**

**Explanation:**

**QUESTION NO: 12**

A change defined in the warehouse interface of Adaptive Warehouse needs to be reflected in the target model. Which two statements are correct? (Choose two.)

- A. The target model will be synchronized to reflect the warehouse definitions during load