

Exam Code: nr0-016

Exam Name: teradata application development v2r5-exam

Vendor: NCR Teradata

Version: DEMO

Part: A

1: What are three characteristics of PP2? (Choose three.)

- A.supports macros
- B.supports multiple sessions
- C.supports COBOL, PL/I, C, and Pascal
- D.uses indicator variables for NULL handling

Correct Answers: A B D

2: Which three statements are true about the Extended Logical Data Model (ELDM)? (Choose three.)

- A.It contains the business rules of the organization.
- B.It is the main source of information for creating the PDM.
- C.It maps applications and transactions to the related objects.
- D.It provides demographics of data distribution, sizing, and access.

Correct Answers: B C D

3: Which application development API provides maximum control over Teradata connectivity?

- A.CLI
- B.ECLI
- C.ODBC
- D.Embedded SQL

Correct Answers: A

4: Which two tools allow you to import workloads from other Teradata tools? (Choose two.)

- A.TSET
- B.Index Wizard
- C.Visual Explain
- D.Statistics Wizard

Correct Answers: B D

5: Denormalization is done in which phase of modeling?

- A.logical
- B.physical
- C.dimensional
- D.extended logical

Correct Answers: B

6: To ensure you are working with current, consistent data, which lock should you recommend for SELECT queries in a multi-user environment with update activity?

- A.read
- B.write
- C.access
- D.exclusive

Correct Answers: A

7: What does the TSET utility do? (Choose two.)

- A. creates a view of your data demographics
- B. allows you to schedule statistics collection
- C. allows for the importing of workloads from other Teradata utilities
- D. allows you to import data demographics from one system to another
- E. allows you to import system characteristics from one system to another

Correct Answers: D E

8: Which four factors are important to consider when deciding whether to calculate summary results on demand or to create a summary table? (Choose four.)

- A. concurrency of users
- B. typical rows per value
- C. response time requirements
- D. complexity of the calculations
- E. frequency of summary request
- F. volatility of the column to summarize

Correct Answers: C D E F

9: Which three features can you use to improve overall system performance? (Choose three.)

- A. PMON
- B. triggers
- C. establish profiles
- D. multi-value compression
- E. multi-statement requests
- F. Partitioned Primary Index (PPI)

Correct Answers: D E F

10: Given: USING (x INTEGER, y INTEGER, z INTEGER) EXEC Macro1(:x, :y, :z);
Which three statements about the execution of this macro are true? (Choose three.)

- A. It will be cached immediately.
- B. It contains multiple statements.
- C. No values are present for the Optimizer.
- D. It should be demographically dependent.
- E. It should be demographically independent.

Correct Answers: A C E

11: Which statement applies to applications written for Teradata?

- A. The applications should use set manipulation to leverage parallelism.
- B. The applications should minimize the use of extensions to ANSI SQL.
- C. The applications should use the Optimizer to resolve rules-based calculations.
- D. The applications should be written to use multiple instances of the program running in parallel.

Correct Answers: A

12: Consider the table t1 created as follows: CREATE TABLE t1 (a integer, d date, v varchar(100)) PRIMARY INDEX (a) PARTITION BY RANGE_N(d BETWEEN DATE '2002-01-01' AND DATE '2007-12-31' EACH '1' YEAR); and the query: SELECT v FROM t1 WHERE d = DATE '2003-08-17'; Which plan will the Optimizer use to find qualifying rows?

- A.full scan on a single AMP
- B.hash lookup on each AMP
- C.value lookup on every AMP
- D.single partition scan on every AMP
- E.single partition scan on a single AMP

Correct Answers: D

13: Consider the following identity column definition: Col1 INTEGER GENERATED ALWAYS AS IDENTITY (MAXVALUE 100) Which two statements are true about Col1 ? (Choose two.)

- A.The first inserted row will have a value of 1.
- B.The table cannot have more than 100 rows.
- C.Deleted rows may be replaced in the sequence.
- D.By explicitly specifying values in the insert, it is possible to skip numbers in the sequence.

Correct Answers: A B

14: What are two ways to lessen the impact of TPump on the system? (Choose two.)

- A.apply options in the Ferret utility
- B.add a SLEEP parameter to the TPump job
- C.add a TENACITY parameter to the TPump job
- D.reduce the RATE parameter in the TPump job
- E.modify the Priority Scheduler Facility (PSF) settings

Correct Answers: D E

15: Which two statements regarding rows per NUPI value are true? (Choose two.)

- A.All rows with the same NUPI value always end up in the same datablock.
- B.Adding a second column to the NUPI generally reduces the number of rows per primary index value.
- C.A large table with fewer unique NUPI values than there are AMPs in the system can still have an even distribution.
- D.A SET table with many rows for each NUPI value has much worse insert performance than a MULTiset table with many rows for each NUPI value.

Correct Answers: B D