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QUESTION & ANSWER

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Exam : NR0-017

**Title : Teradata Masters Update
v2r5 Exam**

Version : DEMO

1.Using the Teradata Statistics Wizard, workloads may be _____. (Choose two.)

- A.defined from Query Capture Database (QCD) statements
- B.imported from another system
- C.defined from the Workload Monitor
- D.defined from Teradata Dynamic Query Manager (TDQM) statements

Correct:A B

2.Teradata Visual Explain supports the comparison of how many plans?

- A.4
- B.16
- C.32
- D.unlimited

Correct:D

3.To use the Teradata System Emulation Tool (TSET), Target Level Emulation must first be enabled on a test system using which utility?

- A.Ferret
- B.DBSControl
- C.Vproc Manager
- D.Teradata Performance Monitor

Correct:B

4.What are two functions of the Teradata Index Wizard? (Choose two.)

- A.allows for "what-if" analysis
- B.allows you to schedule index creation
- C.allows importing of workload from Teradata Manager
- D.allows for a visual explanation of the index creation plan

Correct:A B

5.Which two functions does the Teradata Statistics Wizard perform? (Choose two.)

- A.recommends secondary indexes
- B.executes the statistics collection recommendations
- C.displays current versus captured statistics information
- D.reproduces Optimizer-related issues in a test environment
- E.recommends recollection of statistics based on table skew

Correct:B E

6.Which two can be used to validate the effectiveness and usefulness of statistics on a given query? (Choose two.)

- A.HELP STATISTICS
- B.Teradata Statistics Wizard
- C.checking how recently the statistics were refreshed
- D.checking the confidence level in the EXPLAIN output

Correct:B D

7.Which three tasks can be performed by an authorized user of the Teradata Performance Monitor? (Choose three.)

- A.abort user sessions
- B.identify a blocked user
- C.purge ResUsage tables

- D.reset peak utilization values
- E.display system efficiency measurements

Correct:A B E

8.Which three default options are available as built-in physical actions to a triggered alert within Teradata Manager? (Choose three.)

- A.send an email
- B.abort a session
- C.execute a program
- D.increase spool space
- E.raise the priority of a session

Correct:A B C

9.An EXPLAIN output contains the following phrase: "SORT to partition Spool 3 by rowkey" Which two statements about Spool 3 are true? (Choose two.)

- A.It will be partitioned by partition number within row hash.
- B.It will be partitioned by row hash within partition number.
- C.It will be sorted to prepare for joining to a partitioned table.
- D.It will be sorted to prepare for joining to a non-partitioned table.

Correct:B C

10.An EXPLAIN output contains the following phrase: "group_amps" Which statement is true?

- A.A group of rows on a fallback AMP is being updated.
- B.The AMPs are being prepared for a local aggregation step.
- C.The AMPs are being grouped in preparation for a vertical sort.
- D.Subsequent steps will use a subset of AMPs instead of all AMPs.

Correct:D

11.Which three statements about collecting statistics are true? (Choose three.)

- A.Statistics can be collected using a sample of the table data.
- B.Multi-column statistics can be collected without creating an index.
- C.Statistics can be collected on a maximum of 16 columns and indexes per table.
- D.Statistics can be collected on a maximum of 512 columns and indexes per table.
- E.Statistics can be useful in determining which AMP(s) will be accessed for query processing.

Correct:A B D

12.Teradata Manager's utilities can be used for which three activities? (Choose three.)

- A.workload analysis
- B.performance monitoring
- C.archiving and restoring data
- D.running remote console commands
- E.distributing Teradata application software to remote clients

Correct:A B D

13.Which two does the Teradata System Emulation Tool (TSET) utility allow? (Choose two.)

- A.import workloads from other Teradata utilities
- B.import sample data from one system to another
- C.import data demographics from one system to another
- D.import system characteristics from one system to another

Correct:C D

14.Which three filters are available within Teradata Manager's Session Status report? (Choose three.)

- A.blocked
- B.unusual
- C.parceling
- D.logging on
- E.responding

Correct:A B E

15.An EXPLAIN output contains the following phrase: "by way of a traversal of index #12 extracting row ids only" Which statement is true?

- A.The query is using values found in a join index.
- B.The EXPLAIN plan will never contain this output.
- C.The query is using values found in a primary index.
- D.The query is using values found in a secondary index.

Correct:D

16.Which join plan makes use of a primary index on each of two tables with matching partitioned primary indexes (PPIs)?

- A.nested
- B.rowhash merge
- C.exclusion merge
- D.rowkey-based merge

Correct:D

17.Which two statements are true about a join back with a join index? (Choose two.)

- A.The join back is to the base table.
- B.The join back happens only if the index is fully covering.
- C.The join index must be joined back to the base table before any other joins.
- D.The join back is counted against the maximum number of tables joined per query.
- E.The join index is joined to another join index before joining back to the base table.

Correct:A D

18.Which two can potentially eliminate join steps? (Choose two.)

- A.multi-table join index
- B.single-table join index
- C.referential integrity (RI) constraints
- D.matching primary index columns on the join conditions

Correct:A C

19.If neither RANGE_N nor CASE_N are used to define the number of partitions, how many partitions will the Optimizer assume?

- A.0
- B.1
- C.255
- D.32767
- E.65535

Correct:E

20.What are two restrictions on the partitioning columns when using MultiLoad or TPump to

update partitioned primary index (PPI) tables? (Choose two.)

- A.They must be updated.
- B.They must NOT be updated.
- C.They must be specified.
- D.They must NOT be specified.

Correct: B C