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Exam : **510-701**

Title : Sybase IQ Administrator 12.6 Professional Exam

Version : DEMO

1. Which index(es) should you create on a DATE datatype column with 3000 unique values for users to search on both an exact date as well as a range of dates?

A. HG

B. DATE

C. DATE and HNG

D. HG and DATE

Answer: D

2. Which index type supports multiple columns?

A. LF

B. HG

C. FP

D. HNG

Answer: B

3. What index is created automatically on a column with a foreign key constraint?

A. LF

B. HG

C. Unique HG

D. JOIN

Answer: B

4. When you perform Alter Table abc Drop Primary Key, what happens?

A. The HG index on the Primary Key column(s) is/are dropped.

B. The Unique HG index on the Primary Key column(s) is/are dropped.

C. The column(s) for the Primary Key are dropped from the table.

D. You receive an error since you must use the Drop Index Command.

Answer: B

5. What index types are supported for CHAR columns over 255 bytes? (Choose 2)

A. FP

B. LF

C. HG

D. HNG

E. WD

Answer: AE

6. A load into a column with a LF index fails when

A. 1,500 unique values are reached.

B. 500 unique values are reached.

C. 10,000 unique values are reached.

D. 65,537 unique values are reached.

Answer: C

7. A global temporary table (Choose 2)

A. must be explicitly dropped.

B. exists until the connection or the compound statement in which it is declared ends.

C. writes data to the IQ Catalog Store.

D. uses one table definition but maintains a separate instance of the data per user.

Answer: AD

8. Given the command: create table t1 (col1 char(10) IQ UNIQUE(70000)) What index will be built for col1 when initially loading the table?

A. 1-byte FP

B. 2-byte FP

C. Flat FP

D. HG

Answer: C

9. Which indexes provide the optimizer with both column cardinality AND distribution of values for each

distinct value? (Choose 2)

A. LF

B. HNG

C. HG

D. Optimized 1 and 2 byte FP

Answer: AC

10. Which of the following is the recommended limit of unique values that a column may contain and still be considered low-cardinality data by Sybase IQ?

A. 256

B. 1500

C. 16000

D. 65536

Answer: B

11. Which of the following best describes the utility_db database?

A. It is an ascii text file that contains informational messages.

B. It is an empty database used to create and restore databases.

C. It contains all the metadata needed to manage an IQ database.

D. It is the application database that contains all of your tables and indexes.

Answer: B

12. What is TRUE about Sybase IQ? (Choose 3)

A. Sybase IQ is an online transaction-processing engine.

B. Sybase IQ supports a Decision Support System.

C. Sybase IQ supports a Distributed Data Mart.

D. Sybase IQ is a server for applications that require real-time updates.

E. Sybase IQ supports a Data Warehouse.

Answer: BCE

13. Which of the following does the IQ Store contain? (Choose 2)

A. IQ data

B. Table definitions, system tables, and stored procedures

C. Error, status, and insert notification messages for the IQ server

D. Transaction Log

Answer: AD

14. What will be the approximate size of a full database backup?

A. The size of the catalog database

B. The size of the catalog database plus the size of all dbspaces

C. The size of the catalog database plus the size of all IQ Store dbspaces

D. The size of the catalog database plus the size of IQ blocks used in the IQ Store dbspaces

Answer: D

15. What is TRUE about an INCREMENTAL backup?

A. It is a full backup of Catalog Store and IQ Store.

B. It is a full backup of Catalog Store and backs up changes to the IQ Store since the last IQ backup of any type.

C. It is a full backup of Catalog Store and backs up changes to the IQ Store since the last full IQ backup.

D. It is the default type of backup available for Sybase IQ.

Answer: B

16. Select the requirements for a full database restore. (Choose 3)

A. Database Administrator (DBA) Authority

B. Exclusive access to the database

C. Catalog Store exists

D. Transaction Log exists

E. Connection to the utility_db database

Answer: ABE

17. Identify the effects of setting MINIMIZE_STORAGE to ON. (Choose 3)

A. It sets the value of IQ UNIQUE(255) globally for all new tables.

B. It overrides the IQ UNIQUE clause in CREATE TABLE.

C. It improves query performance.

D. It optimizes storage for new columns.

E. It improves data load times.

Answer: ACD

18. What is TRUE about the DISK_STRIPING option? (Choose 2)

A. The default for DISK_STRIPING is ON.

B. Data to be written to each dbspace in a round-robin fashion.

C. Will make it easier to drop dbspaces later.

D. This option is dynamic and will not require a restart of the IQ Server.

Answer: AB

19. What is NOT the purpose of sp_iqrebuildindex?

A. To reclaim space in the IQ Store

B. To rebuild non-default indexes

C. To relocate data to new dbspaces

D. To rebuild default indexes into 1 or 2 byte FP

Answer: C

20. How do you monitor the activity in the IQ Memory buffer caches?

A. You sp_iqtransaction.

B. You use sp_iqstatus.

C. You use IQ Utilities.

D. You use operating system utilities.

Answer: C