

Exam Code: 510-701

Exam Name: Sybase IQ Administrator 12.6 Professional
Exam

Vendor: Sybase

Version: DEMO

Part: A

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

Correct Answers: D

2: Which index type supports multiple columns?

- A.LF
- B.HG
- C.FP
- D.HNG

Correct Answers: B

3: 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.

Correct Answers: B

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

- A.FP
- B.LF
- C.HG
- D.HNG
- E.WD

Correct Answers: A E

5: 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.

Correct Answers: C

6: 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.

Correct Answers: A D

7: 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

Correct Answers: C

8: 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

Correct Answers: A C

9: 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

Correct Answers: B

10: 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.

Correct Answers: B

11: 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.

Correct Answers: B C E

12: 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

Correct Answers: A D

13: 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

Correct Answers: D

14: 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.

Correct Answers: B

15: 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

Correct Answers: A B E

16: 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.

Correct Answers: A C D

17: 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.

Correct Answers: A B

18: 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

Correct Answers: C

19: 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.

Correct Answers: C

20: Which statements are TRUE regarding the index advisor? (Choose 3)

- A.By default this option is off.
- B.By default this option is on.
- C.It rebuilds sub-optimal FP indexes.
- D.It detects data type mismatch on join columns.
- E.It detects whether or not LF/HG indexes should be unique.

Correct Answers: A D E