

Exam : IBM 000-704

**Title : DB2 Udb V8.1 Advanced DB
Admin for
Linux,Unix+Windwos**

Version : Demo

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1. Which two of the following can be done to a buffer pool using the ALTER BUFFERPOOL statement?

- A. Reduce the size.
- B. Change the page size.
- C. Modify the extent size.
- D. Modify the prefetch size.
- E. Immediately increase the size.

Answer: AE

2. In a federated system, a userid is used for the CREATE SERVER definition at the DB2 data source.

Which of the following privileges should it have?

- A. SELECT on the catalog at the DB2 data source
- B. UPDATE on the CREATE SERVER definition table
- C. SELECT on the tables for which nicknames are created
- D. INSERT on the tables for which nicknames are created

Answer: A

3. A table is defined using DMS table spaces with its index, data, and long data separated into different table spaces. The table space containing the table data is restored from a backup image.

Which of the table's other table spaces must also be restored in order to roll forward to a point in time prior to the end of the logs?

- A. Long table space
- B. Index table space
- C. Temporary table space
- D. Index and long table spaces

Answer: D

4. Which of the following can enable multiple prefetchers for table spaces with a single container?

- A. NUM_IOSERVERS
- B. INTRA_PARALLEL
- C. DB2_PARALLEL_IO

D. DB2_STRIPED_CONTAINERS

Answer: C

5. Given a single physical server with a single OS image utilizing 24 CPUs and configured with 12 database partitions, how many of the database partitions can act as coordinator partitions for remote applications?

A. 1

B. 2

C. 12

D. 24

Answer: C

6. Use the following information for this question:

The database was created using a single-byte code page.

Table1

Table2

col1 CHAR(254)

col2 CHAR(254)

col3 CHAR(254)

col4 INT

col5 VARCHAR(2400)

colA VARCHAR(3000)

colB INT

colC INT

colD INT

Given the following SQL statement:

```
SELECT a.col5, a.col2, b.colB, b.colA FROM table1 A, table2 B
```

```
WHERE a.col4 = b.colD
```

```
ORDER BY b.colB
```

Assuming a temporary table is required during the sort, what is the minimum page size for the table space where the temporary table will be created?

A. 4 KB

B. 8 KB

C. 16 KB

D. 32 KB

Answer: B

7. Use the following information for this question:

The database was created using a single-byte code page.

Temporary Table Space Name	Page Size
TBSPC4K	4 KB
TBSPC8K	8 KB
TBSPC16K	16 KB
TBSPC32K	32 KB

Table1		Table2	
Col1	CHAR(254)	ColA	VARCHAR(3000)
Col2	CHAR(254)	ColB	VARCHAR(3000)
Col3	CHARr(254)	ColC	INT
Col4	INT	ColD	INT
Col5	VARCHAR(2400)		

Given the following SQL statement:

```
SELECT A.Col5, A.Col2, B.ColB, B.ColA FROM Table1 A, Table2 B
WHERE A.Col4 = B.ColD
ORDER BY A.Col2
```

Assuming a temporary table is required by the SORT for this query, in which table space will the temporary table be created?

- A. TBSPC4K
- B. TBSPC8K
- C. TBSPC16K
- D. TBSPC32K

Answer: C

8. A table space contains a single table with a row size of 1000 bytes. What is the minimum page size for the table space in order for the table to contain 200 million rows?

- A. 4 KB
- B. 8 KB
- C. 16 KB
- D. 32 KB

Answer: C

9. Which table space type is required to use a declared global temporary table?

- A. USER TEMPORARY
- B. GLOBAL TEMPORARY
- C. SYSTEM TEMPORARY
- D. DECLARED TEMPORARY

Answer: A

10. What option on the CREATE TABLESPACE statement determines on which database partition(s) the table space will be created?

- A. ON NODES <nodelist>
- B. IN DATABASE NODE GROUP <node group name>
- C. IN PARTITION GROUP <partition group name>
- D. IN DATABASE PARTITION GROUP <db partition group name>

Answer: D

11. When creating a regular DMS table space, what is the minimum number of extents that must be specified?

- A. 1
- B. 3
- C. 4
- D. 6
- E. 8

Answer: D

12. Which of the following SQL statements creates a table space that can contain LONG VARCHAR, LOB and INDEX data?

- A. CREATE INDEX TABLESPACE DATA1 MANAGED BY DATABASE USING (FILE 'CONT1' 2000)
- B. CREATE LARGE TABLESPACE DATA1 MANAGED BY DATABASE USING (FILE 'CONT1' 2000)
- C. CREATE ANYTYPE TABLESPACE DATA1 MANAGED BY DATABASE USING (FILE 'CONT1' 2000)
- D. CREATE ALLTYPE TABLESPACE DATA1 MANAGED BY DATABASE USING (FILE 'CONT1' 2000)

Answer: B

13. Which two (2) of the following are characteristics of System Managed Storage (SMS) and Database Managed Storage (DMS)?

- A. SMS table spaces are always built on the file system.
- B. DMS table spaces are always built on the file system.
- C. SMS table spaces allow index and LOB storage in separate table spaces.
- D. Only DMS table spaces allow the specification of OVERHEAD and TRANSFERRATE.
- E. LOBs can only be cached in memory when they are stored in table spaces built on the file system.

Answer: AE

14. What option on the SQL statement ALTER TABLESPACE guarantees there will be no rebalance when adding a container to an existing table space?

- A. ADD AT END
- B. NO REBALANCE
- C. EXTEND STRIPE SET
- D. BEGIN NEW STRIPE SET

Answer: D

15. A DMS table space is created but one of the containers is accidentally created in the wrong location. Which of the following does NOT provide a valid method for moving the location of that container?

- A. The db2dart tool can be used to move the container and register the change in location with DB2.

B. The table space can be backed up and a redirected restore performed specifying the correct list of containers.

C. A container with the correct location can be added to the tablespace.

The container with the incorrect location can then be dropped afterwards.

D. The container can be manually moved to the correct location by the user.

The db2relocatedb tool can be used to then register the change in location with DB2.

Answer: A

16. Given the following information about a table space:

Tablespace name = TS1

Tablespace Type = Database managed space

Tablespace Content Type = Any data

Tablespace Page size (bytes) = 4096

Tablespace Extent size (pages) = 20

Total number of pages = 2000

Number of usable pages = 1960

Number of used pages = 1500

Number of pending free pages = 0

Number of free pages = 460

High water mark (pages) = 1660

What is the maximum number of pages that can be removed from the table space using the REDUCE option of the ALTER TABLESPACE SQL statement?

A. 300 pages

B. 340 pages

C. 460 pages

D. 500 pages

Answer: A

17. Which two of the following table space attributes can be changed after the table space has been created?

A. Page size

B. Extent size

- C. Transfer rate
- D. Table space type
- E. Table space name

Answer: CE

18. Which two of the following can be allocated in database shared memory?

- A. Buffer Pools
- B. Sort Heaps
- C. Statistics Heaps
- D. Client I/O Blocks
- E. Application Heaps

Answer: AB

19. In a 64-bit instance, to immediately create a new buffer pool which of the following must the DATABASE_MEMORY parameter be set to?

- A. - 1
- B. Dynamic
- C. Automatic
- D. The size of the new buffer pool

Answer: C

20. Buffer pools are allocated within which of the following memory areas?

- A. Database heap
- B. Database global memory
- C. Application global memory
- D. Database Manager global memory

Answer: B

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