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Q&A

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Exam : **510-022**

Title : sybase adaptive server
Enterprise administrator
professional

Version : DEMO

1. Which of the following pages is NOT found on an allocation unit?

- A. Data
- B. Index
- C. OAM
- D. GAM
- E. Control
- F. None of the above

Answer: E

2. The first page on a device fragment must? (Choose 2)

- A. be listed in the lstart column of sysusages.
- B. be listed in the low column of sysdevices.
- C. be an OAM page.
- D. be an allocation page.
- E. have a logical page number that is a multiple of 1024.

Answer: AD

3. How many allocation pages are created in a 4 MB database (assuming 4K page size)?

- A. 2
- B. 4
- C. 8
- D. 16

Answer: B

4. Consider the following page header:

PAGE HEADER:

pageno=720 nextpg=0 prevpg=0 objid=64000228 timestamp=0000 000022b5
nexttrno=5 level=0 indid=0 freeoff=150 minlen=6

How many data rows are currently on this page?

- A. 0

- B. 3
- C. 4
- D. 5
- E. 6
- F. Unknown

Answer: F

5. Which SQL statement finds the first page of sysgams"

- A. select first from sysobjects where id = object_id("sysgams")
- B. select first from sysindexes where id = object_id("sysgams")
- C. select first from syscolumns where id = object_id("sysgams")
- D. select first from sysgams

Answer: B

6. All of the following are causes of fragmentation in a table EXCEPT

- A. no clustered index
- B. page splits
- C. row level locking
- D. too many indexes

Answer: D

7. Given the following information from an allocation page, which of the following is NOT true?

OAMPG:5121 Extent ID 5336

Object ID is 1264004503

Index ID is 2

Allocation bitmap: 0xff

- A. None of the pages of this extent are in use.
- B. The OAM page for this table is page 5121.
- C. This table has a nonclustered index.
- D. The first page of this extent is 5336.

Answer: A

8. How are OAM pages linked?

- A. Each OAM page is linked to its allocation page.
- B. Linear page chain for APL; not linked for DOL.
- C. No more than one OAM page per object, so no chain.
- D. OAM pages are circularly linked.

Answer: D

9. Which of the following is the minimum size for object allocation for ASE 12.5 with a logical page size of 16K?

- A. 16K
- B. 32K
- C. 64K
- D. 128K

Answer: D

10. How would you locate the first OAM page for a given table?

- A. has no fixed addresses
- B. listed in sysindexes.
- C. listed in sysobjects
- D. listed in the GAM page

Answer: B

11. Which of the following dbcc commands can be run with a fix option?

- A. dbcc checkalloc.
- B. dbcc checkcatalog
- C. dbcc checkdb.
- D. dbcc checkstorage.
- E. dbcc checkverify.

Answer: A

12. What dboption must be true to fix allocation errors on a system table?

- A. dbo only
- B. no free space acctng.
- C. select into/bulkcopy/pllsort
- D. single user
- E. trunc log on chkpt

Answer: D

13. The dbcc checkverify command should be run ?

- A. only once, to aid in configuring the dbccdb.
- B. prior to creation of a new index, to ensure the table's page linkage is accurate.
- C. prior to most dbcc commands, to ensure the database is in the proper state.
- D. immediately following the dbcc checkstorage command.
- E. immediately following any non-logged action.

Answer: D

14. When should dbcc reindex be used?

- A. after the sort order in ASE has been changed
- B. when a new language has been installed in ASE.
- C. when corruptions have been found in text/image page chains.
- D. when corruptions have been found in indexes on system tables.

Answer: A

15. For a database with its log on a separate device, which of the following dbcc commands show the percentage of free log space? (Choose 2)

- A. dbcc checkalloc
- B. dbcc checkcatalog
- C. dbcc checkdb

- D. dbcc checkstorage
- E. dbcc checktable

Answer: BD

16. Which of the following attributes are NOT set using sp_dbcc_updateconfig?

- A. Maximum number of worker processes to use.
- B. Size of the named cache to use.
- C. Sizes of the of the workspaces to use.
- D. Size of the extent IO buffer pool to use.

Answer: B

17. Which of the following are true about the mount/unmount commands?

- A. Mount detaches the database and its devices from ASE.
- B. Only 1 database can be unmounted in a single unmount command.
- C. The master database cannot be unmounted.
- D. The mount/unmount commands require sybase_ts_role.

Answer: C

18. If a user-defined tempdb is unavailable at login the user will be placed in the system tempdb if ?

- A. the binding was created using the soft option.
- B. the binding was created using the hard option.
- C. user tempdb belongs to a group.
- D. the system tempdb is over 1 GB in size.

Answer: A

19. Which of the following statements about named caches are true in ASE? (Choose 4)

- A. Named caches can be created dynamically.
- B. Named caches can be dropped dynamically.
- C. Named caches can be made larger dynamically.
- D. Named caches can be made smaller dynamically.

- E. Named cache partitions can be changed dynamically.
- F. Named cache replacement policies can be changed dynamically.

Answer: CDEF

20. Which of the following statements about the async log service async log service (DB option) Database options async log service is true?

- A. async log service is a server-wide configuration parameter.
- B. async log service can be enabled only in an ASE server with at least 4 engines.
- C. async log service is designed to improve ASE performance by performing transaction log I/O using the largest available buffer pool.
- D. When enable, the async log service functionality is performed by additional, dedicated ASE system processes.

Answer: BD