



**Exam Code:** 510-022

**Exam Name:** sybase adaptive server enterprise  
administrator professional

**Vendor:** Sybase

**Version:** DEMO

## Part: A

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

**Correct Answers: 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.

**Correct Answers: A D**

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

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

**Correct Answers: B**

4: Consider the following page header:

PAGE HEADER:

pageno=720 nextpg=0 prevpg=0 objid=64000228 timestamp=0000 000022b5  
nextno=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

**Correct Answers: 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

**Correct Answers: 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

**Correct Answers: 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.

**Correct Answers: 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.

**Correct Answers: 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

**Correct Answers: 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

**Correct Answers: 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.

**Correct Answers: 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

**Correct Answers: 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.

**Correct Answers: 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.

**Correct Answers: 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

**Correct Answers: B D**

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.

**Correct Answers: 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.

**Correct Answers: 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.

**Correct Answers: 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.

**Correct Answers: C D E F**

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.

**Correct Answers: B D**