

**Sybase - 510-020**

**Sybase Adaptive Server Administrator**

**Question: 1**

What is the purpose of the dbccdb database?

- A. It is required for running any dbcc command
- B. It is required for running the dbcc checkstorage command
- C. It is required for running the dbcc memusage command
- D. It is required for running dbcc trace
- E. It is not required for anything

**Answer(s): B**

**Question: 2**

The sybsecurity database is only needed if you plan on using:

- A. auditing
- B. user defined roles
- C. user defined groups
- D. row level access control

**Answer(s): A**

**Question: 3**

The system table sysindexes exists in which of the following databases? (choose all that apply)

- A. master
- B. sybssystemprocs
- C. tempdb
- D. any user database

**Answer(s): A, B, C, D**

**Question: 4**

Identify the segment names that are common to all databases.

- A. system
- B. table
- C. logsegment
- D. default
- E. index
- F. user
- G. data

**Answer(s): A, C, D**

**Question: 5**

Which databases are required for a properly functioning ASE?

- A. master, model, tempdb, sybssystemprocs, sybssystemdb
- B. master, model, tempdb, sybssystemprocs, sybsecurity
- C. master, model, tempdb, sybssystemdb, sybsecurity, dbccdb
- D. master, model, tempdb, dbccdb, sybssystemprocs

**Answer(s):** A

**Question: 6**

In order to use the unichar and univarchar datatypes to store Unicode data, the ASE default character set must be set to: (choose one)

- A. iso\_1
- B. roman8
- C. cp850
- D. utf8
- E. cp437

**Answer(s):** D

**Question: 7**

With the create database command you can specify database size in (choose all that apply)

- A. megabytes
- B. kilobytes
- C. gigabytes
- D. pages

**Answer(s):** A, B, C

**Question: 8**

With the disk init command you can specify database device size in (choose all that apply)

- A. megabytes
- B. kilobytes
- C. gigabytes
- D. pages

**Answer(s):** A, B, C, D

**Question: 9**

What is true of the master device (choose three):

- A. The master database can be extended only on to the master device.
- B. The master device must be left as a default device
- C. The master device has a virtual device number of 0

- D. The master device location is an optional parameter to the dataserver program on Unix (or the sqlsrvr.exe program on Microsoft Windows) when starting the server
- E. The master device is created by the database administrator executing the "disk init" command
- F. The master device's minimum size increases as the logical page size increases

**Answer(s):** A, C, F

**Question: 10**

The logical page size can be set

- A. when creating the server
- B. when upgrading the server
- C. when creating a database
- D. when loading the database

**Answer(s):** A

**Question: 11**

Prior to upgrading a server, the upgrade program's eligibility test ensures that (Choose three):

- A. there is enough free space in each database
- B. the requisite system databases (such as master, model, tempdb) exist
- C. no other users are currently logged on
- D. no object names are found on the reserved keyword list
- E. all stored procedures have been recompiled

**Answer(s):** A, B, D

**Question: 12**

ASE configuration parameters can be modified as follows (choose all that apply):

- A. By logins with sa\_role (all parameters except those related to system security)
- B. By logins with sso\_role (all parameters related to system security)
- C. By database administrators who do not have sa\_role or sso\_role (for parameters related to their database)
- D. By object owners who do not have sa\_role or sso\_role (for parameters related to their objects)

**Answer(s):** A, B

**Question: 13**

The disk init command requires which parameters (Choose three):

- A. name
- B. physname
- C. vdevno
- D. size

- E. dsync
- F. vstart

**Answer(s):** A, B, D

**Question: 14**

Sybase recommends that the master device

- A. be spread across multiple physical disks
- B. be mirrored
- C. be used as a default device when creating new databases
- D. not be used for user databases

**Answer(s):** B, D

**Question: 15**

Which statements about ASE 12.5 devices are TRUE (choose ALL that apply)?

- A. Creating a new device inserts a row into master..sysdevices
- B. Creating a new mirror for a device inserts a row into master..sysdevices
- C. User-initialized devices can store user databases.
- D. User-initialized devices can store system databases including master
- E. Dropping a device makes its vdevno immediately available for reuse
- F. Dropping a device built on a file deletes the file from the operating system

**Answer(s):** A, C, E

**Question: 16**

Scheduling priority is a direct attribute of which of the following:

- A. Engine Group
- B. Execution Class
- C. Application
- D. Stored procedure
- E. Database

**Answer(s):** B

**Question: 17**

Which of the following are valid size options for the creation of a 4M device?

- A. size='4M'
- B. size=4
- C. size=2048
- D. size=4096

**Answer(s):** A, C

**Question: 18**

Given a valid path and available disk space, would the following disk init command succeed on a 16K page server?

disk init name="data\_test1", physname="/usr/val/data\_test1.dat", vdevno=3, size="2M"

- A. The minimum size of a disk device on a 16K server is 4Mb, so the above command would fail
- B. The command will succeed
- C. The minimum size of a disk device on a 16K server is 8Mb, so the above command would fail
- D. The minimum size of a disk device on a 16K server is 2Mb, so the above command would succeed

**Answer(s):** A

**Question: 19**

The segment-to-device mapping is maintained by

- A. the master database's sysdevices table
- B. the local database's syssegments table
- C. the master database's syssegments table
- D. the local database's sysindexes.segment column
- E. the master database's sysusages.segmap column

**Answer(s):** E

**Question: 20**

A transaction log (choose two)

- A. is a separate entity from the database
- B. can be broken down into sections: redo and undo
- C. is the system table syslogs
- D. exists once for the whole ASE
- E. is on the segment logsegment

**Answer(s):** C, E

**Question: 21**

When you create a database how many segments are created?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4
- F. 32

**Answer(s):** D

**Question: 22**

Which of the following is/are true about an ASE database?

- A. It can never be expanded; it must be dropped and recreated larger
- B. It can be expanded, but the data must be copied out first