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**Vendor:**Oracle

**Exam Code:**1Z0-497

**Exam Name:**Oracle Database 12c Essentials

**Version:**Demo

### QUESTION 1

Which three statements are true about System Global Area (SGA)?

- A. SGA contains shared memory structures for all Oracle processes running on a single server.
- B. Each server process has its own SGA.
- C. SGA is allocated automatically when a database is started.
- D. SGA is used to speed up queries by caching data blocks, program data, information about database objects, and query results
- E. SGA is allocated automatically when a database is mounted.
- F. SGA is read and written by server and background processes.

Correct Answer: CDF

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### QUESTION 2

Which two statements are true about a buffer cache?

- A. When a buffer is read from a buffer cache, it may be inconsistent and require undo data to make it consistent.
- B. A buffer cache stores copies of data blocks from all files of the database.
- C. Buffer access is kept efficient by maintaining a least recently used (LRU) list for dirty and clean buffers.
- D. A buffer cache always resides completely in System Global Area (SGA).
- E. A buffer cache contains exactly three pools: default, keep, and recycle pool.

Correct Answer: AE

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### QUESTION 3

Which type of information is included in dynamic performance views?

1 - System and session parameters 2 - Memory usage and allocation 3 - File states (including RMAN backup files) 4 - Progress of jobs and tasks 5 - SQL execution 6 - Statistics and metrics

- A. 3, 4, and 5
- B. 1, 2, 5, and 6
- C. 1, 2, 3, and 4

D. 2, 3, 5, and 6

E. 2, 3, 4, 5, and 6

F. 1, 2, 3, 4, 5, and 6

Correct Answer: F

Reference: [http://docs.oracle.com/cd/E16655\\_01/server.121/e17633/datadict.htm#CNCPT1213](http://docs.oracle.com/cd/E16655_01/server.121/e17633/datadict.htm#CNCPT1213) (overview of dynamic performance views)

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#### **QUESTION 4**

Which three are initialization parameters for backup and recovery?

A. CLONEDB

B. FILESYSTEMIO\_OPTIONS

C. DB\_CREATE\_FILE\_DEST

D. RECYCLEBIN

E. TAPE\_ASYNCH\_IO

Correct Answer: ADE

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#### **QUESTION 5**

Which type of file system is NOT valid for storing data files, online redo log files, and control files for a pluggable database?

A. Automatic Storage Management (ASM)

B. OS file system

C. logical volume (LVM)

D. clustered file system

E. RAW

Correct Answer: E

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#### **QUESTION 6**

Which two statements represent where Oracle Net must reside?

- A. Only on the client for traditional client/server applications
- B. Only on the database server for web-based applications
- C. On both the web server and database server for web-based applications
- D. On both the client and database server for traditional client/server applications.

Correct Answer: BD

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### QUESTION 7

For which database operation do you need the database to be in MOUNT state?

- A. renaming the control files
- B. re-creating the control files
- C. dropping a user in your database
- D. dropping a tablespace in your database
- E. configuring the database instance to operate in ARCHIVELOG or NOARCHIVELOG mode

Correct Answer: E

To enable or disable archiving, the database must be mounted but not open.

Note: See step 5 below.

#### Changing the Database Archiving Mode

To change the archiving mode of the database, use the ALTER DATABASE statement with the ARCHIVELOG or NOARCHIVELOG clause. To change the archiving mode, you must be connected to the database with administrator privileges (AS SYSDBA).

The following steps switch the database archiving mode from NOARCHIVELOG to ARCHIVELOG:

1. Shut down the database instance
2. Back up the database.
3. Edit the initialization parameter file to include the initialization parameters that specify the destinations for the archived redo log files
4. Start a new instance and mount, but do not open, the database.

#### STARTUP MOUNT

To enable or disable archiving, the database must be mounted but not open.

5. Change the database archiving mode. Then open the database for normal operations.

```
ALTER DATABASE ARCHIVELOG;
```

```
ALTER DATABASE OPEN;
```

6. Shut down the database.

```
SHUTDOWN IMMEDIATE
```

7. Back up the database.

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### QUESTION 8

What must you do to an application for it to take advantage of partitioning?

- A. recompile it
- B. rewrite its SQL queries
- C. relink
- D. rework the applications schema
- E. nothing; it is transparent

Correct Answer: E

Reference: [http://docs.oracle.com/cd/B19306\\_01/server.102/b14220/partconc.htm](http://docs.oracle.com/cd/B19306_01/server.102/b14220/partconc.htm)

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### QUESTION 9

Which is the default isolation level in Oracle Database 12c?

- A. serializable
- B. read-only
- C. read committed
- D. read uncommitted

Correct Answer: C

Reference: [http://docs.oracle.com/cd/B28359\\_01/server.111/b28318/consist.htm#CNCPT1312](http://docs.oracle.com/cd/B28359_01/server.111/b28318/consist.htm#CNCPT1312) (see the sentence that comes right after table 13-1)

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### QUESTION 10

Which statement about Oracle patches is false?

A. Interim patches, also known as "one-off" patches, are created to provide a specific fix between the releases of patch sets.

B. Security Patch Update (SPU) is the primary means of releasing security fixes for Oracle products. SPUs are cumulative with respect to prior SPUs and generally contain only security fixes.

C. Patch Set Update (PSU) is a collection of proactive, stabilizing, cumulative patches for a particular product version (base release or patch set). PSUs are cumulative and include all the security fixes from CPU patches, plus additional fixes.

D. Patch Set is the main way in which Oracle provides bug fixes in between releases. Oracle bundles a number of fixes, tests them thoroughly together, and packages, then together for easy download and installation.

E. Terminal Patch Set is an unsupported patch set by Oracle Lifetime Support policies.

Correct Answer: B

Starting with Oracle Database version 12.1.0.1, Oracle only provides Patch Set Updates (PSU) to meet the Critical Patch Update (CPU) program requirements for security patching. Security Patch Updates (SPU) will no longer be available.

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#### QUESTION 11

What new role in Oracle Database 12c encompasses the administrative privileges required for backup and recovery?

A. SYSBKP

B. SYSBKPRMAN

C. SYSRMAN

D. SYSBACKUP

Correct Answer: D

Reference: [http://docs.oracle.com/cd/E16655\\_01/backup.121/e17631/release\\_changes.htm#RCMRF90521](http://docs.oracle.com/cd/E16655_01/backup.121/e17631/release_changes.htm#RCMRF90521) (sys backup privilege)

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#### QUESTION 12

Which is the default port number for Database Express?

A. 7801

B. 5500

C. 2243

D. 1521

E. 22

Correct Answer: D

Reference: [http://docs.oracle.com/cd/B25329\\_01/doc/install.102/b25143.pdf](http://docs.oracle.com/cd/B25329_01/doc/install.102/b25143.pdf) (page 4, first bulleted point)