**NHÓM NĂNG LỰC: Chuyên môn**

**TÊN NĂNG LỰC: Quản trị CSDL Oracle**

**CẤP ĐỘ: 2**

- Có khả năng kiểm tra việc sử dụng và quản lý bộ nhớ, việc sử dụng tài nguyên của CSDL

| Identify the memory component from which memory may be allocated for:  Session memory for the shared serverBuffers for I/O slavesOracle Database Recovery Manager (RMAN)  backup and restore operations | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | Large Pool |  | 100 |
|  | Redo Log Buffer |  | 0 |
|  | Database Buffer Cache |  | 0 |
|  | Program Global Area (PGA) |  | 0 |
|  | **Correct Feedback:** |  |  |
|  | **Incorrect Feedback:** |  |  |
|  | **General Feedback:** |  |  |
| ***Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.*** | | |  |

| In your database instance, the STATISTICS\_LEVEL initialization parameter is set to BASIC. What is the impact of this setting? | | | | MC | |
| --- | --- | --- | --- | --- | --- |
| # | Answers | Hints/Feedback | Grade | |
|  | Optimizer statistics are collected automatically. |  | 0 | |
|  | Only timed operating system (OS) statistics and plan execution statistics are collected. |  | 0 | |
|  | The snapshots for the Automatic Workload Repository (AWR) are not generated automatically. |  | 100 | |
|  | Snapshots cannot be collected manually by using the DBMS\_WORKLOAD\_REPOSITORY package. |  | 0 | |
|  | Correct Feedback: |  |  | |
|  | Incorrect Feedback: |  |  | |
|  | General Feedback: |  |  | |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | | |  | |

| You have recently collected statistics on certain objects of a schema in your database. But you observe  suboptimal execution plans for the queries on these objects after two days of statistics collection. The optimizer statistics retention period is set to its default value. Which action would help to use the previous set of statistics on the objects? | | | MC |
| --- | --- | --- | --- |
| # | Answers | Hints/Feedback | Grade |
|  | Restore statistics from statistics history. |  | 100 |
|  | Reduce the optimizer statistics retention period by 2 days. |  | 0 |
|  | Set the OPTIMIZER\_PENDING\_STATISTICS parameter to TRUE. |  | 0 |
|  | Reduce the Automatic Workload Repository (AWR) retention period by 2 days. |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Examine the command:  SQL>DBMS\_STATS.SET\_TABLE\_PREFS('SH','CUSTOMERS','PUBLISH','false');  Which statement describes the effect of the above command? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Automatic statistics collection is stopped for the CUSTOMERS table |  | 0 |
|  | Statistics for the CUSTOMERS table are locked and cannot be overwritten |  | 0 |
|  | Existing statistics for the CUSTOMERS table become unusable for the query optimizer |  | 0 |
|  | Subsequently, statistics gathered on the CUSTOMERS table are stored as pending statistics |  | 100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| The instance abnormally terminates because of a power outage. Which statement is true about redo log files during instance recovery? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Inactive and current redo log files are required to accomplish recovery |  | 0 |
|  | Online and archived redo files are required to accomplish instance recovery |  | 0 |
|  | All redo log entries after the last checkpoint are applied from redo log files to data files |  | 100 |
|  | All redo log entries recorded in the current log file until the checkpoint position are applied to data files |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết thứ tự đúng từ lớn tới nhỏ khi đề cập tới cấu trúc logic của CSDL? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Database, tablespace, extent, segment, block |  | 0 |
|  | **Database, tablespace, segment, extent, block** |  | 100 |
|  | Database, segment, tablespace, extent, block |  | 0 |
|  | Database, extent, tablespace, segment, block |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Thành phần bộ nhớ nào ghi nhận tất cả những thay đổi trong CSDL? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Database buffer |  | 0 |
|  | Dictionary cache |  | 0 |
|  | Redo log buffer |  | 100 |
|  | Library cache |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Anh (chị) xin vui lòng cho biết: Thành phần bộ nhớ nào được chia sẻ trong SGA của CSDL? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Sort area |  | -100 |
|  | Program Global Area |  | -100 |
|  | Library cache |  | 50 |
|  | Large pool |  | 50 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Anh (chị) xin vui lòng cho biết: Tham số khởi tạo nào ko thể bị thay đổi sau khi tạo CSDL? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | DB\_BLOCK\_SIZE |  | 100 |
|  | DB\_NAME |  | 0 |
|  | CONTROL\_FILES |  | 0 |
|  | None; all the initialization parameters can be changed as and when  required. |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| When Automatic Memory Management is enabled, what is not possible? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Transfer of memory between sessions’ PGAs |  | 0 |
|  | Transfer of memory between structures within the SGA |  | 0 |
|  | Transfer of memory from SGA to PGA, and vice versa |  | 0 |
|  | Increasing the total memory usage after instance startup |  | 0 |
|  | All of the above are possible |  | 100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Which instance parameter can disable the memory advisors? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | DB\_CACHE\_ADVICE |  | 100 |
|  | MEMORY\_TARGET |  | 0 |
|  | STATISTICS\_LEVEL |  | 100 |
|  | TIMED\_STATISTICS |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Where are private SQL areas stored? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | In each session’s PGA, always |  | 100 |
|  | In each session’s PGA, unless a PGA Aggregate Target has been set |  | 0 |
|  | In the PGA, unless Automatic Memory Management has been enabled |  | 0 |
|  | In the shared pool of the SGA, always |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Memory region that contains data and control information for a server or background process is called: | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Shared Pool |  | 0 |
|  | PGA |  | 100 |
|  | Buffer Cache |  | 0 |
|  | User session data |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| What is read into the Database Buffer Cache from the data files? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Rows |  | 0 |
|  | Changes |  | 0 |
|  | Blocks |  | 100 |
|  | SQL |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| The Process Monitor process (PMON): | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Performs recovery at instance startup |  | 0 |
|  | Performs process recovery when a user process fails |  | 100 |
|  | Automatically resolves all in-doubt transactions |  | 0 |
|  | Writes the redo log buffer to a redo log file |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

* Có khả năng kiểm tra các tham số CSDL (parameter file); số lượng, trạng thái Oracle control files; số lượng, trạng thái Oracle redolog files; số lượng, trạng thái, autoextend, location của các datafiles; Kiểm tra extents của các table, index, partition liên quan đến phần mềm ứng dụng

| For which database operation would you need the database to be in the MOUNT state? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Renaming the control files |  | 0 |
|  | Re-creating the control files |  | 0 |
|  | Dropping a tablespace in your database |  | 0 |
|  | Configuring the database instance to operate in the ARCHIVELOG or NOARCHIVELOG modes |  | 100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| You want to move all objects of the APPS user in the test database to the DB\_USR schema of the production database. Which option of IMPDP would you use to accomplish this task? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | FULL |  | 0 |
|  | SCHEMAS |  | 0 |
|  | TRANSFORM |  | 0 |
|  | REMAP\_SCHEMA |  | 100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| You executed the following command to create a password file in the database server:  $ orapwd file = orapworcl entries = 5 ignorecase=N  Which statement describes the purpose of the above password file? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | It records usernames and passwords of users when granted the DBA role |  | 0 |
|  | It contains usernames and passwords of users for whom auditing is enabled |  | 0 |
|  | It is used by Oracle to authenticate users for remote database administrator |  | 100 |
|  | It records usernames and passwords of all users when they are added to OSDBA or OSOPER operating  groups |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| After performing a clean shut down of the database instance for maintenance, you mount the database and  then execute a command to open the database:  SQL>ALTER DATABASE OPEN;  Which two statements are true? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | The online redo log files and online data files are opened |  | 50 |
|  | All the online data files headers are checked for consistency |  | 50 |
|  | Instance recovery is performed before opening the database |  | -100 |
|  | The path and existence of all the log file members are checked |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| You are managing an Oracle Database 11g database. You want to ensure the recovery of the database to the point of failure. Which configuration will you do to accomplish the task? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Multiplex all database files |  | 0 |
|  | Configure the Flash Recovery Area |  | 0 |
|  | Configure the database instance ARCHIVELOG mode |  | 100 |
|  | Configure the FAST\_START\_MTTR\_TARGET initialization parameter |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Khi tạo một CSDL, Oracle tìm thông tin về control file cần cho quá trình khởi tạo CSDL ở đâu? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **Từ file tham số khởi tạo.** |  | 100 |
|  | From the CREATE DATABASE command line |  | 0 |
|  | From the environment variable |  | 0 |
|  | Files created under $ORACLE\_HOME and name derived from  <*db\_name*>*.ctl* |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Khi tạo một control file, CSDL đang ở chế độ nào? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Mounted |  | 0 |
|  | **Not mounted** |  | 100 |
|  | Open |  | 0 |
|  | Restricted |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Tập tin nào ghi tất cả các thay đổi trong CSDL và chỉ được sử dụng khi khôi phục instance? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Archive log file |  | 0 |
|  | **Redo log file** |  | 100 |
|  | Control file |  | 0 |
|  | Alert log file |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Câu lệnh nào dùng để thêm member /logs/redo22.log vàolog  file group 2? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | ALTER DATABASE ADD LOGFILE ‘/logs/redo22.log’ TO  GROUP 2; |  | 0 |
|  | ALTER DATABASE ADD LOGFILE MEMBER ‘/logs/redo22.log’  TO GROUP 2; |  | 100 |
|  | ALTER DATABASE ADD MEMBER ‘/logs/redo22.log’ TO GROUP 2; |  | 0 |
|  | ALTER DATABASE ADD LOGFILE ‘/logs/redo22.log’; |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Nhận định nào sau đây là đúng về tablespace SYSTEM? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Can be made read-only. |  | 0 |
|  | Can be offline. |  | 0 |
|  | Data files can be renamed. |  | 100 |
|  | Data files cannot be resized. |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Câu lệnh nào được sử dụng để bật tính năng tự động mở rộng dung lượng cho một tập tin, nếu tập tin đó đã là một phần của tablespace? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | ALTER DATABASE. |  | 100 |
|  | ALTER TABLESPACE. |  | 0 |
|  | ALTER DATA FILE. |  | 0 |
|  | You cannot change the auto-extensible feature once the data file  created. |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| What statements are correct about extents? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | An extent is a grouping of several Oracle blocks. |  | 50 |
|  | An extent is a grouping of several operating system blocks. |  | -100 |
|  | An extent can be distributed across one or more datafiles. |  | -100 |
|  | An extent can contain blocks from one or more segments. |  | -100 |
|  | An extent can be assigned to only one segment. |  | 50 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Which of these are types of segment? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Sequence |  | -100 |
|  | Stored procedure |  | -100 |
|  | Table |  | 50 |
|  | Table partition |  | 500 |
|  | View |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| What operation cannot be applied to a tablespace after creation? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Convert from dictionary extent management to local extent management. |  | 0 |
|  | Convert from manual segment space management to automatic segment space management. |  | 100 |
|  | Change the name of the tablespace. |  | 0 |
|  | Reduce the size of the datafile(s) assigned to the tablespace. |  | 0 |
|  | All the above operations can be applied. |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| When the database is in mount mode, what views must be queried to find what datafiles and tablespaces make up the database? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | DBA\_DATA\_FILES |  | -100 |
|  | DBA\_TABLESPACES |  | -100 |
|  | DBA\_TEMP\_FILES |  | -100 |
|  | V$DATABASE |  | 50 |
|  | V$DATAFILE |  | 50 |
|  | V$TABLESPACE |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Which of the following statements is correct about indexes? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | An index can be based on multiple columns of a table, but the columns must be of the same datatype. |  | 0 |
|  | An index can be based on multiple columns of a table, but the columns must be adjacent and specified in the order that they are defined in the table. |  | 0 |
|  | An index cannot have the same name as a table, unless the index and the table are in separate schemas. |  | 0 |
|  | None of the above statements is correct. |  | 100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Which of the following options can be applied to B\*Tree indexes, but not to bitmap indexes? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Compression |  | 100/3 |
|  | Descending order |  | -100 |
|  | Function-based key expressions |  | -100 |
|  | Reverse key indexing |  | 100/3 |
|  | Uniqueness |  | 100/3 |
|  | Use of compound keys |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Data in temporary tables has restricted visibility. If a user logs on as HR and inserts rows into a temporary table, to whom will the rows be visible? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | To no session other than the one that did the insert |  | 100 |
|  | To all sessions connected as HR |  | 0 |
|  | To all sessions, until the session that inserted them terminates |  | 0 |
|  | To all sessions, until the session that inserted them commits the transaction |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Where does the data in a temporary table get written to disk? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | It is never written to disk |  | 0 |
|  | To the user’s temporary tablespace |  | 100 |
|  | To the temporary tablespace of the user in whose schema the table resides |  | 0 |
|  | To a disk local to the session’s user process |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

* Sử dụng thành thạo các công cụ giám sát (AppManager, PoleStar, …)

| Which two statements correctly describe the relation between a data file and the logical database structures? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | An extent cannot spread across data files. |  | 50 |
|  | A segment cannot spread across data files. |  | -100 |
|  | A data file can belong to only one tablespace. |  | 50 |
|  | A data file can have only one segment created in it. |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Which two statements are true regarding a tablespace? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | It can span multiple databases |  | -100 |
|  | It can consist of multiple data files |  | 50 |
|  | It can contain blocks of different files |  | -100 |
|  | It can contains segments of different sizes |  | 50 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| What can you achieve by implementing reverse key index? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Reverse the bytes of each column indexed including the row ID |  | 0 |
|  | Store a bitmap for each key value instead of a list of row IDs in the leaf node |  | 0 |
|  | Prevent contention on the highest leaf block when using sequences to generate keys |  | 100 |
|  | Remove repeated key values from the index to fit more index entries in a given amount of disk space |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| You executed the following command to perform a backup of the USERS tablespace:  SQL> ALTER TABLESPACE users BEGIN BACKUP;  ALTER TABLESPACE users BEGIN BACKUP  \*  ERROR at line 1:  ORA-01123: cannot start online backup; media recovery not enabled What could be the reason for this error? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | The MTTR Advisor is disabled. |  | 0 |
|  | The database is in NOARCHIVELOG mode. |  | 100 |
|  | The tablespace is already in backup mode. |  | 0 |
|  | The Flash Recovery Area is not configured. |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Which statements listed below describe the data dictionary views?  1. These are stored in the SYSTEM tablespace  2. These are the based on the virtual tables  3. These are owned by the SYS user  4. These ban be queried by a normal user only if O7\_DICTIONARY\_ACCESSIBLILITY parameter is set to TRUE  5. The V$FIXED\_TABLE view can be queried to list the names of these views | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | 1 and 3 |  | 100 |
|  | 2,3 and 5 |  | 0 |
|  | 1,2, and 5 |  | 0 |
|  | 2,3,4 and 5 |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| You issue the URL https://127.0.0.1:5500/em and receive an error. What could be the problem? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | You have not started the database listener. |  | -100 |
|  | You have not started the dbconsole. |  | 100/3 |
|  | The dbconsole is running on a different port. |  | 100/3 |
|  | You are not logged on to the database server node. |  | 100/3 |
|  | You have not started the Grid Control agent. |  | -100 |
|  | You have not started the database. |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| You have created two databases on your computer and want to use Database Control to manage them. Which if the following statements are correct? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | You cannot use Database Control, because it can only manage one database per computer. |  | -100 |
|  | You must use Grid Control, as you have multiple databases on the computer. |  | -100 |
|  | You can use Database Control, if you contact it on different ports for each database. |  | 50 |
|  | You must set the ORACLE\_SID variable appropriately before starting each Database Control console. |  | 50 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Which of these actions will not be recorded in the alert log? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | ALTER DATABASE commands |  | -100 |
|  | ALTER SESSION commands |  | 50 |
|  | ALTER SYSTEM commands |  | -100 |
|  | Archiving an online redo log file |  | -100 |
|  | Creating a tablespace |  | -100 |
|  | Creating a user |  | 50 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Enterprise Manager Database Control can be used to manage many databases concurrently. | | | TF |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | True |  | 0 |
|  | False |  | 100 |
|  | General Feedback: |  |  |
| *Swap 'True' and 'False' to put the right answer first. Do not include hints/feedback.* | | |  |

| Anh (chị) xin vui lòng cho biết: Trên giao diện quản trị của Enterprise Manager Database Control, tại tab Performance, muốn xem câu lệnh SQL gây cao tải, anh (chị) sẽ xem ở mục nào? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | [Top Segments](https://10.149.34.189:1158/em/console/rac/racSegStats?type=rac_database&target=vnpccbs.vnp.vn&event=doLoad) |  | 0 |
|  | [Top Consumers](https://10.149.34.189:1158/em/console/rac/racTopConsumersOverview?type=rac_database&target=vnpccbs.vnp.vn&event=doLoad&refreshChoice=15) |  | 0 |
|  | [Top Activity](https://10.149.34.189:1158/em/console/rac/racTopActivity?type=rac_database&target=vnpccbs.vnp.vn&event=doLoad&waitClass=Overview&refreshChoice=RT_15) |  | 100 |
|  | Top SQL command |  | 0 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | General Feedback: |  |  |
| *Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.* | | |  |

| Anh (chị) xin vui lòng cho biết: Khi sử dụng phần mềm Application Manager, ngoài các option cảnh báo sẵn có, anh (chị) có thể tùy chỉnh, bổ sung thêm các cảnh báo mới, phù hợp với yêu cầu của từng CSDL không? | | | TF |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | True |  | 100 |
|  | False |  | 0 |
|  | General Feedback: |  |  |
| *Swap 'True' and 'False' to put the right answer first. Do not include hints/feedback.* | | |  |

# Câu hỏi chọn 1 đáp án:

| Automatic Memory Management allows the Oracle instance to reallocate memory from the \_\_\_\_\_\_\_ to the SGA | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | Large Pool |  | 0 |
|  | Log Buffer |  | 0 |
|  | PGA |  | 100 |
|  | Streams Pool |  | 0 |
|  | **Correct Feedback:** |  |  |
|  | **Incorrect Feedback:** |  |  |
|  | **General Feedback:** |  |  |
| ***Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.*** | | |  |

# Câu hỏi chọn 1 đáp án:

| SGA\_TARGET may not be sized greater than \_\_\_\_\_\_\_\_\_\_ . | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | LOG\_BUFFER |  | 0 |
|  | SGA\_MAX\_SIZE |  | 100 |
|  | STREAMS\_POOL\_SIZE |  | 0 |
|  | PGA\_AGGREGATE\_TARGET |  | 0 |
|  | **Correct Feedback:** |  |  |
|  | **Incorrect Feedback:** |  |  |
|  | **General Feedback:** |  |  |
| ***Replace 'Right answer' with the correct answer, and each 'Wrong answer' with a plausible alternative. Add hints or feedback for each wrong answer too.*** | | |  |

# Câu hỏi chọn đáp án đúng/sai:

| When using the shared server process architecture, the PGA is relocated into the SGA. | | | TF |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | True |  | 0 |
|  | False |  | 100 |
|  | General Feedback: |  |  |
| *Swap 'True' and 'False' to put the right answer first. Do not include hints/feedback.* | | |  |

# Câu hỏi chọn đáp án đúng/sai:

| A database can have a mixture of Oracle-managed and unmanaged files. | | | TF |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | True |  | 100 |
|  | False |  | 0 |
|  | General Feedback: |  |  |
| *Swap 'True' and 'False' to put the right answer first. Do not include hints/feedback.* | | |  |

# Câu hỏi chọn đáp án đúng/sai:

| Bigfile Tablespaces must have 1 file of at least 100 MB. | | | TF |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | True |  | 0 |
|  | False |  | 100 |
|  | General Feedback: |  |  |
| *Swap 'True' and 'False' to put the right answer first. Do not include hints/feedback.* | | |  |