**NHÓM NĂNG LỰC: Chuyên môn**

**TÊN NĂNG LỰC: Khai thác và phân tích CSDL Oracle**

**CẤP ĐỘ: 1**

# Có khả năng phân tích, tối ưu câu lệnh SQL;

Tài liệu tham khảo: Oracle Database 11g Release 2: SQL Tuning Exam

**I. Câu hỏi MC**

1. **Câu hỏi chọn 1 đáp án:**

| When would bind peeking be done for queries that vary only in values used in the WHERE clause? | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | When the column used in the WHERE clause has evenly distributed data and histogram exists on that column. |  | 0 |
|  | When the column used in the WHERE clause has evenly distributed data and index exists on that column. |  | 100 |
|  | When the column used in the WHERE clause has non uniform distribution of data, uses a bind variable, and no histogram exists for the column. |  | 0 |
|  | When the column used in the WHERE clause has non uniform distribution of data and histogram exists for the column. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Which type of SQL statement would be selected for tuning by the automatic SQL framework? | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | Serial queries that have been tuned within the last 30days and have been SQL profiled by the SQL tuning Advisor. |  | 0 |
|  | Serial and parallel queries that top the AWR Top SQL in the past week only and have been SQL profiled by the SQL Tuning Advisor. |  | 0 |
|  | Serial queries that top the AWR Top SQL in the past week only and whose poor performance can be traced to concurrency issues. |  | 0 |
|  | Serial and parallel queries that are among the costliest in any or all of the four categories: the past week, and day in the past week, any hour in the past week,  or a single response, and that can benefit from access method changes. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| You are administering a database that supports an OLTP application. To set statistics preferences, you issued the following command:  SQL > DBMS\_STATS.SET\_GLOBAL\_PREFS (`ESTIMATE\_PERCENT', `9');  What will be the effect of executing this procedure? | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | It will influence the gathering of statistics for a table based on the value specified for ESTIMATE\_PERCENT provided on table preferences for the same table exist. |  | 0 |
|  | It will influence dynamic sampling for a query to estimate the statistics based on ESTIMATE\_PERCENT. |  | 0 |
|  | The automatic statistics gathering job running in the maintenance window will use global preferences unless table preferences for the same table exist. |  | 100 |
|  | New objects created will use global preference even if table preferences are specified. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| You are logged in as the HR user and you execute the following procedure:  SQL > exec DBMS\_STATS.SET\_TABLE\_PREFS (`HR', `EMPLOYEES', `PUBLISH', `FALSE');  SQL> exec DBMS\_STATS.GATHER\_TABLE\_STATS (`HR', `EMPLOYEES'); | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | They are temporary and purged when the session exits. |  | 0 |
|  | They are used by the optimizer for all sessions. |  | 0 |
|  | They are locked and cannot be overwritten. |  | 0 |
|  | They are marked as pending and stored in the pending statistics table. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

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| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | They are temporary and purged when the session exits. |  | 0 |
|  | They are used by the optimizer for all sessions. |  | 0 |
|  | They are locked and cannot be overwritten. |  | 0 |
|  | They are marked as pending and stored in the pending statistics table. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| A database supports three applications: CRM, ERP, and ACC. These applications connect to the database by using three different services: CRM\_SRV for the  CRM application, ERP\_SRV for the ERP application, and ACC\_SRV for the ACC application.  You enable tracing for the ACC\_SRV service by issuing the following command:  SQL> EXECUTE DBMS for the ACC\_SRV service by issuing the following command:  SQL> EXECUITIVE DBMS\_MONITOR. SERV\_MOD\_ACT\_TRACE\_ENABLE  (service\_name => `ACC\_SRV', waits => TRUE, binds = > FALSE, instance\_name = > `inst1');  Which statement is true? | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | All trace information for the service connection to inst1 will be stored in a single trace file. |  | 0 |
|  | trace file is not created because the module name is not specified. |  | 0 |
|  | A single trace file is created for each session that uses the ACC\_SRV service. |  | 100 |
|  | Only those SQL statements that are identified with the ACC\_SRV service executed on the inst1 instance are recorded in trace 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Anh/chị xin vui lòng cho biết: An toàn dữ liệu có thể hiểu là gì? | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | Dễ dàng cho công việc bảo trì dữ liệu. |  | 0 |
|  | Ngăn chặn các truy nhập trái phép, sai quy định từ trong ra hoặc từ ngoài vào... |  | 100 |
|  | Thống nhất các tiêu chuẩn, thủ tục và các biện pháp bảo vệ, an toàn dữ liệu |  | 0 |
|  | Tính nhất quán và toàn vẹn dữ liệu. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Anh/chị xin vui lòng cho biết: Mục tiêu của cơ sở dữ liệu là gì? | | | **MC** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | Không làm thay đổi chiến lược truy nhập cơ sở dữ liệu. |  | 0 |
|  | Bảo đảm tính độc lập dữ liệu |  | 100 |
|  | Không làm thay đổi cấu trúc lưu trữ dữ liệu. |  | 0 |
|  | Dữ liệu chỉ được biểu diễn, mô tả một cách duy nhất. |  | 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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Anh/chị xin vui lòng cho biết: Cho table được khai báo như sau , xác nhận việc sử dụng ko hợp lệ kiểu DL timestamp trong 1 biểu thức hay chức năng(chọn 2)?  CREATE TABLE TRANSACTIONS  (TRANS\_ID NUMBER,  AMOUNT NUMBER(10,2),  TRANS\_START TIMESTAMP,  TRANS\_END TIMESTAMP,  SHIP\_DATE DATE,  EXPIRE\_DATE INTERVAL DAY(0) TO SECOND(0)); | | | **MA** |
| --- | --- | --- | --- |
| **#** | **Answers** | **Hints/Feedback** | **Grade** |
|  | TRANS\_START - TRANS\_END |  | -100 |
|  | **TO\_TIMESTAMP(AMOUNT,‘YY-MM-DD HH:MI:SS’)** |  | 50 |
|  | TRANS\_START + INTERVAL ‘4’ DAY |  | -100 |
|  | **TRANS\_START + SHIP\_DATE** |  | 50 |
|  | **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.*** | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Anh/chị xin vui lòng cho biết: Nếu tablespace ko rỗng, bạn drop tablespace ntn? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Rename all the objects in the tablespace and then drop the  tablespace |  | 0 |
|  | Remove the data files belonging to the tablespace from the disk |  | 0 |
|  | Use ALTER DATABASE DROP <*TABLESPACE NAME> CASCADE* |  | 0 |
|  | **Use DROP TABLESPACE <*TABLESPACE NAME> INCLUDING***  ***CONTENTS*** |  | 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.* | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Anh/chị xin vui lòng cho biết: Khi nào Oracle ngừng thêm dòng vào khối? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **Khi free space đạt tới ngƣỡng PCTFREE.** |  | 100 |
|  | When row data reaches the PCTFREE threshold |  | 0 |
|  | When free space drops below the PCTUSED threshold |  | 0 |
|  | When row data drops below the PCTUSED threshold |  | 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.* | | |  |

1. **Câu hỏi chọn 1 đáp án:**

| Anh/chị xin vui lòng cho biết: Những điều nào sau đây ko phải quyền hệ thống? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **SELECT** |  | 100 |
|  | UPDATE ANY |  | 0 |
|  | EXECUTE ANY |  | 0 |
|  | CREATE TABLE |  | 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: Thuận lợi lớn nhất của việc đặt các control file lên các ổ cứng là gì? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Database performance. |  | 0 |
|  | **Đề phòng sự cố hƣ hỏng ổ đĩa.**. |  | 100 |
|  | Faster archiving. |  | 0 |
|  | Writes are concurrent, so having control files on different disks |  | 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 thay đổi 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: Chuyện gì xảy ra nếu bạn thực hiện câu lệnh ?  ALTER DATABASE ADD LOGFILE („/logs/file1‟ REUSE, „/logs/file2‟ REUSE); | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Statement will fail, because the group number is missing |  | 0 |
|  | Statement will fail, because log file size is missing |  | 0 |
|  | **Tạo nhóm redo log mới với 2 member.** |  | 100 |
|  | Adds two members to the current redo log group |  | 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: Hai tham số nào ko thể được dùng cùng nhau để chỉ ra đích của archive file? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | LOG\_ARCHIVE\_DEST and LOG\_ARCHIVE\_DUPLEX\_DEST |  | 0 |
|  | **LOG\_ARCHIVE\_DEST and LOG\_ARCHIVE\_DEST\_1** |  | 100 |
|  | LOG\_ARCHIVE\_DEST\_1 and LOG\_ARCHIVE\_DEST\_2 |  | 0 |
|  | None of the above; you can specify all the archive destination  parameters with valid destination names. |  | 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: Vấn tin nào sẽ biểu thị archive có khả năng xảy ra? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | V$ARCHIVE\_LOG |  | 0 |
|  | V$DATABASE |  | 0 |
|  | **V$PARAMETER** |  | 100 |
|  | V$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: Nếu bạn cần archive log file của mình có tên với log sequence numbers như arch\_0000001, arch\_0000002, cái gì có thể là gtrị của tham số LOG\_ARCHIVE\_FORMAT ? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **arch\_%S** |  | 100 |
|  | arch\_%s |  | 0 |
|  | arch\_000000%s |  | 0 |
|  | arch\_%0%s |  | 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: View TĐDL nào có thể giúp truy vấn thông tin về các tập tin thuộc về tablespace tạm thời được qlí cục bộ. | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | DBA\_DATA\_FILES |  | 0 |
|  | DBA\_TABLESPACES |  | 0 |
|  | **DBA\_TEMP\_FILES** |  | 100 |
|  | DBA\_LOCAL\_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: Nhận địnnh 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 sdụng để bật tính tự động mở rộng cho 1tập tin, nếu tập tin đó đã là 1phần 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.* | | |  |

| Anh/chị xin vui lòng cho biết: View TĐDL nào cho phép vấn tin để xem số extent trong tablespace? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | DBA\_TABLESPACES |  | 0 |
|  | **DBA\_FREE\_SPACE** |  | 100 |
|  | DBA\_EXTENTS |  | 0 |
|  | DBA\_SEGMENTS |  | 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: Hai view TĐDL nào có thể cho biết tổng ko gian trong data file? | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | DBA\_FREE\_SEGMENTS |  | -100 |
|  | **DBA\_FREE\_SPACE** |  | 50 |
|  | DBA\_SEGMENTS |  | -100 |
|  | **DBA\_EXTENTS** |  | 50 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

| Anh/chị xin vui lòng cho biết: Từ điển view thi hành nào có thể giúp điều chỉnh kích thước của undo tablespace? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **V$UNDOSTAT** |  | 100 |
|  | V$ROLLSTAT |  | 0 |
|  | V$SESSION |  | 0 |
|  | V$ROLLNAME |  | 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: View TĐDL nào thể hiện thông tin thống kê từ câu lệnh ANALYZE INDEX VALIDATE STRUCTURE | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **INDEX\_STATS** |  | 100 |
|  | DBA\_INDEXES |  | 0 |
|  | IND |  | 0 |
|  | None; VALIDATE STRUCTURE does not generate 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.* | | |  |

**II. Câu hỏi MA**

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which three statements are true about histograms? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | They capture the distribution of different values in an index for better selectivity estimates. |  | -100 |
|  | They provide metadata about distribution of and occurrences of values in a table column. |  | 100/2 |
|  | They can be used only with indexed columns. |  | -100 |
|  | They help the optimizer to determine the fastest table join order. |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which statements are correct about communication between parallel execution process? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | The number of logical pathways between parallel execution producers and consumers depends on the degree parallelism. |  | 100/2 |
|  | The shared pool can be used for parallel execution messages buffers. |  | 100/2 |
|  | The large pool can be used for parallel execution messages buffers. |  | -100 |
|  | The buffer cache can be used for parallel execution message buffers. |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| You have enabled DML by issuing: ALTER session ENABLE PARALLEL DML;  The PARELLEL\_DEGREE\_POLICY initialization parameter is set to AUTO.  Which two options true about DML statements for which parallel execution is requested? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Statements for which PDML is requested will execute serially estimated time is less than the time specified by the PARALLEL\_MIN\_THRESHOLD parameter. |  | -100 |
|  | Statements for which PDML is requested will be queued if the number of busy parallel execution servers greater than PARALLEL\_MIN\_SERVERS parameter. |  | -100 |
|  | Statements for which PDML is requested will always execute in parallel if estimated execution in parallel if estimated execution time is greater than the time  specified by the PARELLEL\_MIN\_TIME\_THRESHOLD parameter. |  | 100/2 |
|  | Statements for which PDML is requested will be queued if the number of busy parallel execution servers is greater than PARELLEL\_SERVERS\_TARGET  parameter. |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which two types of column filtering may benefit from partition pruning? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Equally operates on range-partitioned tables. |  | 100/2 |
|  | In-list operators on system-partitioned tables |  | -100 |
|  | Equality operators on system-partitioned tables |  | -100 |
|  | Operators on range-partitioned tables |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which two statements about In-Memory Parallel Execution are true? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | It can be configured using the Database Resource Manager. |  | -100 |
|  | It requires setting PARALLEL\_DEGREE\_POLICY to LIMITED. |  | -100 |
|  | Objects selected for In-Memory Parallel Execution have blocks mapped to specific RAC instances. |  | 100/2 |
|  | It requires setting PARALLEL\_DEGREE\_POLICY to AUTO |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which are benefits of In-Memory Parallel Execution? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Reduction in CPU utilization. |  | -100 |
|  | Reduction in the number of blocks accessed. |  | 100/2 |
|  | Reduction in physical I/O for parallel queries. |  | 100/2 |
|  | Ability to exploit parallel execution servers on remote instance. |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| You plan to bulk load data INSERT INTO . . . SELECT FROM statements.  Which two situations benefit from parallel INSERT operations on tables that have no materialized views defined on them? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Direct path insert of a million rows into a partitioned, index-organized table containing one million rows and a conventional B\*tree secondary index. |  | 100/2 |
|  | Direct path insert of a million rows into a partitioned, index-organized table containing 10 rows and a bitmapped secondary index. |  | 100/2 |
|  | Direct path insert of 10 rows into a partitioned, index-organized table containing one million rows and conventional B\* tree secondary index. |  | -100 |
|  | Direct path insert of 10 rows into a partitioned, index-organized table containing 10 rows and a bitmapped secondary index. |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which are the two prerequisites for enabling star transformation on queries? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | The STAR\_TRANSFORMATION\_ENABLED parameter should be set to TRUE or TEMP\_DISABLE. |  | 100/2 |
|  | A B-tree index should be built on each of the foreign key columns of the fact table(s), |  | -100 |
|  | A bitmap index should be built on each of the foreign key columns of the fact table(s). |  | -100 |
|  | A bitmap index must exist on all the columns that are used in the filter predicates of the query. |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which are the two prerequisites for enabling star transformation on queries? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | The STAR\_TRANSFORMATION\_ENABLED parameter should be set to TRUE or TEMP\_DISABLE. |  | 100/2 |
|  | A B-tree index should be built on each of the foreign key columns of the fact table(s), |  | -100 |
|  | A bitmap index should be built on each of the foreign key columns of the fact table(s). |  | -100 |
|  | A bitmap index must exist on all the columns that are used in the filter predicates of the query. |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| You created a SQL Tuning Set (STS) containing resource-intensive SQL statements. You plan to run the SQL Tuning Advisor.  Which two types of recommendations can be provided by the SQL Tuning Advisor? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | Semantic restructuring for each SQL statement |  | 100/2 |
|  | Gathering missing or stale statistics at the schema level for the entire workload |  | -100 |
|  | Creating a materialized view to benefit from query rewrite for the entire workload |  | -100 |
|  | Gathering missing or stale statistics for objects used by the statements. |  | 100/2 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Which two types of SQL statements will benefit from dynamic sampling? | | | MC |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | SQL statements that are executed parallel |  | 100/2 |
|  | SQL statement that use a complex predicate expression when extended statistics are not available. |  | 100/2 |
|  | SQL statements that are resource-intensive and have the current statistics |  | -100 |
|  | Short-running SQL statements |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Enter two right and two wrong answers.* | | |  |

1. **Câu hỏi chọn 1 hay nhiều đáp án:**

| Anh/chị xin vui lòng cho biết: Những câu lệnh nào sau đây được sdụng để thêm ko gian vào tablespace?(Choose two.) | | | MA |
| --- | --- | --- | --- |
| # | 1. Answers | Hints/Feedback | Grade |
|  | **ALTER TABLESPACE <*TABLESPACE NAME*> *ADD DATAFILE SIZE* <*N*>** |  | 50 |
|  | **ALTER DATABASE DATAFILE <*FILENAME*> *RESIZE* <*N*>** |  | 50 |
|  | ALTER DATAFILE <*FILENAME*> RESIZE <*N*> |  | -100 |
|  | ALTER TABLESPACE <*TABLESPACE NAME*> DATAFILE <*FILENAME*>  RESIZE <*N*> |  | -100 |
|  | Correct Feedback: |  |  |
|  | Incorrect Feedback: |  |  |
|  | Partially Correct Feedback: |  |  |
|  | General Feedback: |  |  |
| *Choose all answers that are correct.* | | |  |

1. **Câu hỏi chọn 1 đáp án:**

# III. Câu hỏi TF

1. Câu hỏi chọn đáp án đúng/sai:

| The universal installer performs all required configuration for installing Oracle software? | | | 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.* | | |  |