[SQL 샘플 10문제]

01. Suppose that DBA wants to solve a fregmentation problem on index pages. Which one of the following accomplishes the task?

(1) ALTER INDEX ~ REBUILD ~
(2) ALTER INDEX ~ RENAME ~
(3) DROP INDEX ~
(4) CREATE INDEX ~

01. Which one of the following keywords makes the trigger be fired only either before or after the DML statement is executed?)

(1) REFERENCING
(2) OR EACH ROW
(3) OR EACH STATEMENT
(4) REFERENCING OLD ROW

01. Suppose that employees table is created as follows. Which one of the following statements results in an error?

```
iSQL> CREATE TABLE employees (
    2 emp_id NUMBER PRIMARY KEY,
    3 emp_name VARCHAR(20) NOT NULL,
    4 job CHAR(10) DEFAULT 'SALES',
    5 join_date CHAR(10));
```

(1) INSERT INTO employees VALUES (1, 'KIM', 'plan', '20010302');
(2) INSERT INTO employees(emp_id, emp_name, join_date) VALUES (1, 'KIM', '20010302');
(3) INSERT INTO employees(emp_id, join_date) VALUES (1, '1998-05-11') ;
(4) INSERT INTO employees(emp_id, emp_name, job, join_date) VALUES (1, 'KIM', default, '20010302');

01.Which one of the following correctly accomplishes the task below?

Increase the salary of all employees by 7%.

(1) iSQL> UPDATE employee
    2 SET salary = salary + 0.07;
(2) iSQL> UPDATE employee
    2 SET salary = salary * (1 + 1.07);
(3) iSQL> UPDATE employee
    2 SET salary = salary * (1 + 0.07);
(4) iSQL> UPDATE employee
    2 SET salary = salary * (1 + (1 + 0.07));

01. How many records will be output as a result of execution of the following query?

```
SELECT *
FROM ( SELECT 1 FROM DUAL
            UNION ALL
            SELECT 1 FROM DUAL
            UNION ALL
            SELECT 1 FROM DUAL ),
        ( SELECT 1 FROM DUAL
            UNION
            SELECT 1 FROM DUAL);
```

(1) 2 rows
(2) 3 rows
(3) 6 rows
(4) 12 rows

01.How is a comment delimited in only one SQL statement In ALTIBASE HDB?

(1) -- comment --
(2) /- comment -/
(3) - comment -
(4) /+ comment +/

01.Which of the following internal functions is not a conversion function pertaining to characters?

(1) CONCAT
(2) SENDMSG
(3) INITCAP
(4) TO_CHAR

01.What would be returned by the following query?

iSQL> SELECT INITCAP('Hybrid DBMS, ALTIBASE') FROM dual;

(1) Hybrid DBMS, ALTIBASE
(2) HYBRID DBMS, ALTIBASE
(3) Hybrid dbms, altibase
(4) Hybrid Dbms, Altibase

01.Suppose that the index has been created as follows. Which one of following statements retreive a data by using the index?

iSQL> CREATE INDEX emp_idx ON employees(emp_id, emp_name DESC);

(1) SELECT * FROM employees ;
(2) SELECT emp_id FROM employees ;
(3) SELECT emp_id, emp_name FROM employees WHERE emp_name = 'KIM' ;
(4) SELECT * FROM employees WHERE emp_id = 10 AND emp_name = 'KIM' ;

01.Which of the following hints is explained correctly?

(1) INDEX ASC: This hint specifies that an index is to be sorted in descending order.
(2) TEMP_TBS_MEMORY: This hint specifies that intermediate results are to be saved to disk.
(3) PUSH_PRED (view table): This hint specifies that a view-related join predicate is to be
                                processed first within a view.
(4) RULE: Depending on the set rule, this hint specifies that an execution plan tree is created,
        but can change every time the query is executed.