Inter-State Higher Training School
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EXAMINATOR : Mr MESSIO

EXAM OF SQL PRACTICE

Level 1 Software engineering Duration 1h30

For each MCQ Good answer : +1, Bad answer :-0,5, No answer :-0,25

Exercise 1 MCQ : 12Marks

1. Full form of RDBMS is

A. Regional district management system B.Relational database management system C.Regular database management system D.Regular district machine system

2. A row of relation generally referred to as ..... And column of a relation is .....

A.Domain & Attribute B. Attribute & Domain C. Tuple & Attribute D. Attribute & Tuple

3. A non-key attribute, whose values are derived from primary key of some other table.

A. Alternate key B. Foreign key C. Primary key D.Super Key

4. Which commands are used to define or redefine schema objects?

A. DDL B. DML C. TCL D. (A) & (B) both

5. Conditionally retrieval of rows from a table with SELECT, which clause is used?

A. Where B. Having C.Group By D. Order by

6. The ..... key word eliminates duplicate rows from the result of a SELECT statement.

A. All B. Unique C. Distinct D. IN

7. Which operator defines a range of values that the column values must fall in?

A. In B. Like C. Between D. IS

8. How can you insert a new row into A "STORE" table.

A. INSERT ROW (1," RAM SINGH") INTO STORE; B.INSERT VALUES (1," RAM SINGH") INTO STORE; C. INSERT INTO (1," RAM SINGH") STORE; D.INSERT INTO STORE VALUES (1," RAM SINGH");

9. Which SQL statement will not generate any error message?

A.SELECT * FROM EMP WHERE EMPNO LIKE (1,2,3,4); B.SELECT * FROM EMP WHERE SAL BETWEEN 3000 TO 15000; C. SELECT * FROM EMP WHERE COMM IS NOT NULL; D.All of the above

10. Evaluate the set of SQL statements: CREATE TABLE dept (deptno NUMBER(2), dname VARCHAR2(14), loc VARCHAR2(13)); ROLLBACK; DESCRIBE DEPT What is true about the set?

A. The DESCRIBE DEPT statement displays the structure of the DEPT table. B. The ROLLBACK statement frees the storage space occupies by the DEPT table. C. The DESCRIBE DEPT statement return an error ORA-04043: object DEPT does not exist D. The DESCRIBE DEPT statement displays the structure of the DEPT table only if there is a COMMIT statement introduced before the ROLLBACK statement.

11. In existing table, ALTER TABLE statement is used to

A. Add columns B. Add constraints C. Delete columns D. Delete constrains E. All of the above

12. Wrong statement about UPDATE keyword is

A. If WHERE clause in missing in statement the all records will be updated. B. Only one record can be updated at a time using WHERE clause C. Multiple records can be updated at a time using WHERE clause D. None is wrong statement

Exercise 2 : 8 MARKS

Either the Naruto database, create an OKAGE user with password by granting him the rights to access this database, and modify and what goes with it. Connect with this user in Mysql and make changes to the tables if there are any to be done in this script below.

```
CREATE TABLE character (
  characterid  int4 auto_increment not null,
  rankid  int4  not null,
  demonid int4 null,
  villageid int4 not null,
  charactername  varchar(254)  null,
  age int4  null,
  constraint pk_character primary key (characterid)
);

CREATE TABLE clan (
  clanid int4 auto_increment not null,
  clanname varchar(254) null,
  clandescription varchar(254) null,
  clanlocation  varchar(254) null,
  constraint pk_clan primary key (clanid)
);
CREATE TABLE demon (
  demonid int4 auto_increment not null,
  demonname varchar(254) null,
  demonlevel  varchar(254) null,
  constraint pk_demons primary key (demonid)
);

CREATE TABLE technic (
  technicid serial not null,
  powerid int4 not null,
  technicname varchar(254) null,
  technicmovement  varchar(254) null,
  constraint pk_technic primary key (technicid)) ;
```

```
CREATE TABLE specialforce (
societyid int4 not null,
characterid int4 null,
specialforcename varchar(254) null,
description varchar(254) null,
constraint pk_specialforce primary key (societyid)) ;

CREATE TABLE rank (
rankid int4 auto_increment not null,
rankname varchar(254) null,
ranktype varchar(254)  null,
constraint pk_rank primary key (rankid)) ;

CREATE TABLE power (
powerid int4 auto_increment not null,
characterid int10 not null,
clanid int10 not null,
powername varchar(254) null,
powerdescription varchar(254) null,
powerlevel varchar(254) null,
constraint pk_power primary key (powerid)
 );
```