

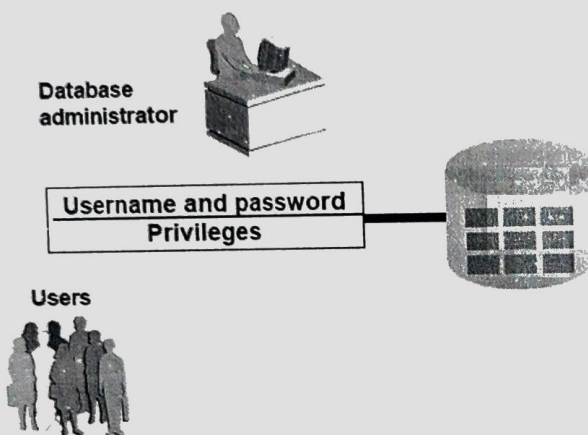
Ex.No.: 16		CONTROLLING USER ACCESS
Date:		

### Objectives

After the completion of this exercise, the students will be able to do the following:

- Create users
- Create roles to ease setup and maintenance of the security model
- Use the GRANT and REVOKE statements to grant and revoke object privileges
- Create and access database links

### Controlling User Access



### Controlling User Access

In a multiple-user environment, you want to maintain security of the database access and use. With Oracle server database security, you can do the following:

- Control database access
- Give access to specific objects in the database
- Confirm given and received *privileges* with the Oracle data dictionary
- Create synonyms for database objects

### Privileges

- Database security:
  - System security
  - Data security

- Q1. create session privilege to log onto the oracle server. This is a system privilege
- Q2. create table privilege
- Q3. Owner of the table user to created it
- Q4. use roles to group system privileges
- Q5. Alter user user\_name identified by new-password
- Q6. Grant select, Insert, update, Delete on Departments to other\_user;
- Q7. select \* from Department
- Q8. Insert into Departments (Dept-ID, Dept-name) values (500, education)  
Insert into Departments (Dept-ID, Dept-name) values (510, marketing)
9. select \* from user tables
10. Revoke select on Departments from other\_users;
11. Delete from Departments where Dept-ID = 500;