Exp-16

CONTROLLING USER ACCESS

1. **What privilege should a user be given to log on to the Oracle Server? Is this a system or an object privilege?**
   GRANT CREATE SESSION TO username;
2. **What privilege should a user be given to create tables?**
   GRANT CREATE TABLE TO username;

3. **If you create a table, who can pass along privileges to other users on your table?**
   GRANT SELECT ON table_name TO user2 WITH GRANT OPTION;

4. **You are the DBA. You are creating many users who require the same system privileges. What should you use to make your job easier?**
   CREATE ROLE analyst_role;
   GRANT CREATE SESSION, CREATE TABLE TO analyst_role;
   GRANT analyst_role TO user1, user2, user3;

5. **What command do you use to change your password?**
   ALTER USER username IDENTIFIED BY new_password;

6. **Grant another user access to your DEPARTMENTS table. Have the user grant you query access to his or her DEPARTMENTS table.**
   GRANT SELECT ON departments TO other_user;

7. **Query all the rows in your DEPARTMENTS table.**
   SELECT * FROM departments;

8. **Add a new row to your DEPARTMENTS table.**
   INSERT INTO departments (department_id, department_name)
   VALUES (500, 'Education');
   COMMIT;

9. **Query the USER_TABLES data dictionary to see information about the tables that you own**
   SELECT table_name, tablespace_name, num_rows
   FROM user_tables;

10. **Revoke the SELECT privilege on your table from the other team.**
    REVOKE SELECT ON departments FROM other_user;

11. **Remove the row you inserted into the DEPARTMENTS table in step 8 and save the changes.**

```
DELETE FROM departments
WHERE department_id = 500;   -- or 510 for Team 2
COMMIT;
```