



**Q.1. Answer the following short questions:**

**(6x5=30)**

**1. Write commands and steps to perform an online Recovery of a database running in Archive log Mode with two Tablespaces and tablespace1 with file tbs1.dbf is damage.**

**2. Write steps to recover database when database have no backup? (You can take any assumptions)**

**3. Explain hand shaking and execution of command in shared server environment (only label diagrams required).**

**4. What is the relationship between safety and reliability? What is our objective in designing the database configuration setting?**

**5. What is the purpose of spin lock and how it works.**

**6. Differentiate between Direct Import Utility mode and conventional Import Utility mode.**

**Q.2. Answer the following questions.**

**(3x10=30)**

i. a) **Explain Recovery Procedure for database?**

b) **Explain the structure of rowid with diagram.**

ii. a) **Explain execution of command in Share server environment.**

b) **Create a profile assigning system resources to the user.**

iii. a) **Draw and label Server Diagram**

b) **Explain shutdown modes**