

## gluht Table

### BACKUP AND RECOVERY IN DATA BASE

Aim: To perform backup and recovery operations in SQL Server.

#### (a) Recovering Database Using Incremental

BACKUP DATABASE Banking DB

TO DISK = 'C:\SQL Backups\Banking Full'

WITH INIT, STATS = 10;

BACKUP DATABASE Banking DB

TO DISK = 'C:\SQL Backups\Banking DB-Full.bak'

WITH DIFFERENTIAL, STATS = 10;

DROP DATABASE Banking DB;

RESTORE DATABASE Banking DB

FROM DISK = 'C:\SQL Backup\Banking DB.diff'

bak

WITH RECOVERY, STATS = 10;

RESTORE DATABASE Banking DB

FROM DISK = 'C:\SQL Backup\Banking DB-

full.bak'

WITH RECOVERY, STATS = 10;

#### Output

10 percent processed

20 percent processed

100 percent processed

BACKUP DATABASE successfully processed

RESTORE DATABASE successfully processed

#### Introduction:

A value

Falsifiable Proposition

Quantify the Value.

Show Measurable

Value

### b) Restoring the server parameters

File:

```
BACKUP DATABASE master  
TO DISK = 'C:\SQL Backups\master.bak'  
WITH INIT;  
RESTORE DATABASE master  
FROM DISK = 'C:\SQL Backups\master.bak'  
WITH REPLACE;
```

Output

processed 520 pages for database 'master'  
RESTORE DATABASE successfully processed

c) performing recovery with backup

control file

```
BACKUP DATABASE msdb  
TO DISK = 'C:\SQL Backups\msdb.bak'  
WITH INIT;  
RESTORE DATABASE msdb  
FROM DISK = 'C:\SQL Backups\msdb.bak'  
WITH REPLACE;
```

Output

processed 500 pages for database msdb

RESTORE DATABASE

No.	Performance (5)	9
Result and Analysis (5)	5	✓
Viva Voce (5)	5	✓
Total (20)	16	✓
With Date		

Result: Thus, the databases are fully recovered

using a backup control file restored

succesfully

A value proposition is the  
Identifying quantity the value  
shows measurable benefit