



DI-003-004602

Seat No. _____

B. Sc. IT (Sem. VI) Examination

March - 2022

**CS-31 : MS SQL Server 2005 Database Admin.
(Old Course)**

Faculty Code : 003

Subject Code : 004602

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

Instructions : (1) All questions carry equal marks.
(2) Attempt any five of the following questions.

- 1 (A) What is DBCC ? Explain any five DBCC command. 14
(B) Explain RAID Level.
- 2 (A) Write down three methods for flushing data into disk. 14
(B) Explain types of editions in SQL server 2005 in detail.
- 3 (A) Explain Recovery model. 14
(B) Write down steps to create index file.
- 4 (A) What is backup ? Explain types of Backup. 14
(B) Explain isolation level.
- 5 (A) Write short note on replication. 14
(B) Explain Log Shipping and database mirroring.
- 6 (A) Write down steps for restore database. 14
(B) Explain full text index.

- 7 Differentiate between cluster V/S non cluster index. 14
- 8 (A) Explain B Tree Structure. 14
(B) Explain I/O fundamentals.
- 9 (A) Explain copy only backup. 14
(B) Explain Basic duty of DBA.
- 10 (A) Explain ACID-Properties in brief. 14
(B) Explain file group structure : primary file, secondary file and log file.
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