



**MAO-003-003603**

Seat No. \_\_\_\_\_

**B. C. A. (Sem. VI) (CBCS) Examination**

**March / April - 2018**

**Administration of SQL Server**

*(Old Course)*

**Faculty Code : 003**

**Subject Code : 003603**

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

[Total Marks : 70

1 Attempt the following questions :

20

- (1) SSMS stands for
- (2) LSN stands for
- (3) SAN stands for
- (4) PBM stands for
- (5) CAL stands for
- (6) DBA stands for
- (7) What is the extension of log file ?
- (8) What is Database ?
- (9) What is Backup ?
- (10) NLB stands for
- (11) In ACID properties C stands for
- (12) TDE stands for
- (13) Char and Varchar can store up to \_\_\_\_\_ characters.

- (14) What is Disk Stripping ?
- (15) What is Primary File ?
- (16) What is Secondary File ?
- (17) \_\_\_\_\_ Lock is used for read only Operation.
- (18) What is Heap ?
- (19) Default Page Size is \_\_\_\_\_
- (20) What is Extent ?

**2** (a) Attempt the following question : (any three) **6**

- (1) Explain Edition of SQL Server 2008
- (2) Explain Role of DBA
- (3) Explain any four DBCC Command
- (4) Explain Sparse Columns
- (5) What do you mean by OLTP SYSTEM ?
- (6) What is Disaster Recovery ?

(b) Attempt the following questions : (any three) **9**

- (1) Explain types of DBA.
- (2) What do you mean By RAID ?
- (3) Explain Indexed View in detail.
- (4) Explain types of Index.
- (5) Explain I/O Fundamental.
- (6) List out advantages and disadvantages of Lock in OLTP System.

(c) Attempt the following question : (any two) **10**

- (1) Explain Data Compression in detail.
- (2) Explain Transaction Log Backup.
- (3) What is Replication ? List out and explain types of it.
- (4) Explain SAN in detail.
- (5) Explain Recovery model in detail.

**3** (a) Attempt the following question : (any three) **6**

- (1) Write steps to create a user database.
- (2) Explain Restoring Database from backup.
- (3) Write a short note on database snapshot.
- (4) Explain Row Page and Table Lock.
- (5) Write a note on Log Shipping.
- (6) Explain Point in Time Recovery.

(b) Attempt the following questions : (any three) **9**

- (1) List out and explain data types of SQL server 2008.
- (2) Write a short note on Database mirroring.
- (3) Explain ACID Properties.
- (4) How will you configure security in SQL Server ?
- (5) Explain B-Tree detail.
- (6) Explain Dirty Read in detail.

(c) Attempt the following question : (any two)

**10**

- (1) Write a note on Index Tuning
- (2) Explain Bulk Log Recovery Model in detail.
- (3) Explain Failover Clustering in detail.
- (4) List and Explain Isolation Level in detail.
- (5) How to use Graphs to view database details.

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