



**MAN-003-004602**

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

**B. Sc. (I.T.) (Sem. VI) (CBCS) Examination**

**March / April - 2018**

**CS - 31 : MS SQL Server 2005 Database**

**Administration**

*(New Course)*

**Faculty Code : 003**

**Subject Code : 004602**

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

[Total Marks : 70

**1 Answer the following : 20**

- (1) List the different sql edition.
- (2) What is DBA ?
- (3) What is database ?
- (4) What is sql ?
- (5) What is OLAP ?
- (6) What is OLTP ?
- (7) Give the full form of CAL.
- (8) Give the full form of ETL.
- (9) Give the full form of SSAS.
- (10) What is SSIS ?
- (11) Give the full form of DBCC.
- (12) What is raid ?
- (13) What is mirroring ?
- (14) Give the full form of SAN.
- (15) What is cluster ?
- (16) Give the full form of DNS.
- (17) What is snapshot ?
- (18) What is index ?
- (19) What is back up ?
- (20) What is acid ?

- 2** (A) Attempt any **Three** : **6**
- (1) Give the list of Editions of SQL server and explain any one in detail.
  - (2) Explain Database and process of creating user database.
  - (3) Explain Restore concept.
  - (4) Explain File and File Group.
  - (5) Explain RAID.
  - (6) Explain recovery concept with recovery model.
- (B) Attempt any **Three** : **9**
- (1) Explain SAN in detail.
  - (2) Explain Olap in detail.
  - (3) Explain requirement of Backup.
  - (4) Explain Snapshot.
  - (5) Explain Basic duties of DBA.
  - (6) Explain advantages and disadvantages of OLAP.
- (C) Attempt any **Two** : **10**
- (1) What is Index? Explain types of Index.
  - (2) Explain Index architecture in detail.
  - (3) Explain features of SQL server.
  - (4) Explain restoring database from Backup or Database.
  - (5) Which are the Roles of DBA? Explain any two in detail.
- 3** (A) Attempt any **Three** : **6**
- (1) Explain File and page restore.
  - (2) Explain Lock.
  - (3) Explain Shrinking and Growing of Database
  - (4) Explain Replication.
  - (5) Explain Log shipping
  - (6) Explain Database Mirroring.

- (B) Attempt any **Three** : **9**
- (1) Explain Transaction.
  - (2) Explain Fail Over Clustering
  - (3) What is Table?
  - (4) Explain OLAP and OLTP.
  - (5) Explain installation and upgradation of SQL server.
  - (6) Explain Disaster Recovery in detail.
- (C) Attempt any **Two** : **10**
- (1) Explain Backup in detail.
  - (2) Explain create, insert, delete process in detail
  - (3) Explain ACID properties.
  - (4) Explain Isolation and its different level.
  - (5) What is DBCC commands? Explain any five in detail.
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