



NAO-003-003603 Seat No. _____

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

March / April - 2017

**CS-33 : Administration of SQL Server 2008
(Old Course)**

Faculty Code : 003

Subject Code : 003603

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

[Total Marks : 70

- 1 Write answer in one or two statements : 20
- (1) PBM stands for _____
 - (2) _____ is used for undoing the work done in the current transaction.
 - (3) What is Snapshot Backup?
 - (4) A database snapshot is a read-only, static view of a SQL Server database. [True/False]
 - (5) DRI stands for _____
 - (6) SSIS stands for _____
 - (7) What is the extension of primary file in SQL Server 2008?
 - (8) Give the name of recovery models.
 - (9) CAL stands for _____
 - (10) What is the use of Transaction Log File?
 - (11) Give the name of any two system database created by SQL Server.
 - (12) What is used to remove the fragmentation of index?
 - (13) Which backup includes primary file group and any read-write file group?
 - (14) What is Log Shipping?
 - (15) OLTP stands for _____
 - (16) Two types of subscriptions present for replication is _____
 - (17) _____ is used to create and manage T-SQL code templates.

- (18) Within the Management Studio, _____ can build a SQL statement without having to write your own SQL code.
- (19) _____ is data type that stores values of various SQL Server-supported data types.
- (20) _____ returns the rank of rows within the partition of a result set, without any gaps in the ranking.

- 2** (a) Attempt any **three** : **6**
- (1) Explain WAL Protocol.
 - (2) Explain any two types of DBA.
 - (3) What is Restore?
 - (4) What is ETL?
 - (5) Write syntax for creating index.
 - (6) What is Snapshot?
- (b) Attempt any **three** : **9**
- (1) Clustered index v/s non-clustered
 - (2) Procedure v/s Function
 - (3) Explain following DBCC Commands:
 - (a) DBCC CHECKDB
 - (b) DBCC PROCCACHE
 - (c) DBCC DROPCLLENBUFFERS
 - (4) Write down advantages of database mirroring.
 - (5) Explain deadlock.
 - (6) Explain SQL Server editions.
- (c) Attempt any **two** : **10**
- (1) What is Recovery? Explain any one Recovery Models in detail.
 - (2) Explain Log Shipping and Database Mirroring in detail.
 - (3) What is Lock? Explain levels of lock with example.
 - (4) Write a note on Database Snapshot.
 - (5) Explain Index Architecture in detail.

- 3** (a) Attempt any **three** : **6**
- (1) What is Replication?
 - (2) Write down the syntax of create clustered index.
 - (3) Write a note on failover clustering.
 - (4) What is the use of isolation in SQL server?
 - (5) What are the options in recovery?
 - (6) What is use of indexed views?
- (b) Attempt any **three** : **9**
- (1) Explain logging information in brief.
 - (2) Write down step of taking Transaction log backup from database.
 - (3) Explain SQL Server Licensing.
 - (4) Explain ACID property.
 - (5) Write a short note' on SAN.
 - (6) Explain index tuning.
- (c) Attempt any **two** : **10**
- (1) Write down the steps of installing SQL Server 2008
 - (2) What is DBA? Explain all types of DBA in detail.
 - (3) Explain RAID.
 - (4) Explain types of Replication in detail.
 - (5) Explain backup types.
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