



NV-201177

Seat No. _____

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

February – 2017

CS - 33 : Administration of SQL Server - 2008

Time : 3 Hours]

[Total Marks : 100

- 1 Attempt any four : 20**
- (a) Discuss the features of SQL Server.
 - (b) Explain ETL DBA and Production DBA in detail.
 - (c) List out different editions of SQL Server. And explain any two in detail.
 - (d) Write a note on SAN.
 - (e) Discuss Database Architecture in detail.
- 2 Attempt any four : 20**
- (a) What is Transaction ? Explain ACID properties.
 - (b) Explain Basic Duties of DBA.
 - (c) What is use of DBCC Commands ? Explain any four DBCC Commands.
 - (d) What is use of Index ? Discuss the Index Architecture in detail.
 - (e) Explain Index Tuning in detail.
- 3 Attempt any four : 20**
- (a) Discuss the Database Snapshot with example.
 - (b) Explain Failover Clustering and Disaster Recover in detail.
 - (c) Explain SQL Server Licensing.
 - (d) What is RAID ? And explain its different levels.
 - (e) Explain Clustered and Nonclustered index in detail.
- 4 Attempt any four : 20**
- (a) What is Backup ? Discuss the Requirement of Backup.
 - (b) Discuss the Advantage and Disadvantage of Lock in OLTP Systems.

- (c) Discuss on SQL SERVER 2008 Capacity Constraints.
- (d) What is Graph ? Discuss Viewing Database Details with different kinds of Graphs.
- (e) What is Restore and Recovery ? Discuss the steps of Restoring Database from Backup.

5 Attempt any **four** :

20

- (a) Discuss Log Shipping and Database Mirroring in detail.
- (b) What is Replication ? Explain types of Replication.
- (c) What is Table ? Create any one Table with Primary key. And Insert any 5 records. And how to Delete a record from it.
- (d) What is Lock ? Explain different levels of Lock.
- (e) Explain any two types of Backup in detail.
