



HAF-003-003622

Seat No. _____

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

June / July - 2017

Administration of SQL Server 2012

Faculty Code : 003

Subject Code : 003622

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

[Total Marks : 70

1 Attempt Following Questions : 20

- (1) _____ is the preferred file system for installations of SQL Server 2012 because it is more stable and recoverable than _____ file system.
- (2) Which DBCC Command is used to clear out the stored procedure cache for all SQL Server databases?
- (3) A _____ is a read only static view of SQL Server Database.
- (4) The most common usage of _____ System Stored Procedure is to determine the amount of space used for database.
- (5) What is Log File?
- (6) What is Publisher?
- (7) Give True or False : Can a Clustered Index also be a Unique Index?
- (8) Clustering across geographically dispersed sites is sometimes referred to as _____.
- (9) Full form of SSMS is _____.
- (10) DBCC _____ displays information about how the stored procedure cache is being used.
- (11) Write a T-SQL Statement to create a user Database.
- (12) What is Full form of TDE?
- (13) The primary data file will always resides in the _____ Filegroup.
- (14) What is Extent?
- (15) Full form of LSN is _____.

- (16) Which types of Recovery Model support in Log Shipping?
- (17) Full form of ACID _____.
- (18) When a page is modified in the buffer cache and isn't moved immediately to disk it is Marked as _____.
- (19) What is Database?
- (20) How many files are automatically created when we create database in SQL Server?

- 2** (a) Attempt the Following Questions : (any **three**) **6**
- (1) Explain Basic Duties of DBA.
 - (2) What are Scale Up and Scale out?
 - (3) What is RAID?
 - (4) Define the Transaction.
 - (5) What is lock?
 - (6) Explain the needs of Backup.
- (b) Attempt the Following Questions : (any **three**) **9**
- (1) Explain ACID Properties.
 - (2) Explain Architect DBA.
 - (3) Discuss the DNS.
 - (4) Explain Differential Database Backup.
 - (5) Explain Index Architecture.
 - (6) Discuss SQL Server 2012 Licensing.
- (c) Attempt the Following Questions : (any **two**) **10**
- (1) Explain different SQL Server Editions.
 - (2) Explain Shrinking and Growing Database.
 - (3) Write a note on I/O Fundamental.
 - (4) Explain Clustering AlwaysOn Features of SQL Server 2012.
 - (5) Write a note on Network Level Security and Antivirus.

- 3** (a) Attempt the Following Questions : (any **three**) **6**
- (1) Explain Clustered Index.
 - (2) What is Restore?
 - (3) What is Database Mirroring?
 - (4) What is Secondary data file?
 - (5) What is SAN?
 - (6) Explain File Restore.
- (b) Attempt the Following Questions : (any **three**) **9**
- (1) Explain Production DBA and Development DBA.
 - (2) Discuss Advantages and Disadvantages of Lock in OLTP systems.
 - (3) Write a note on Logging Information.
 - (4) Explain Disaster Recovery.
 - (5) Explain the Database Snapshot.
 - (6) Discuss the Backup of System databases.
- (c) Attempt the Following Questions : (any **two**) **10**
- (1) Write a note on Recovery Models in detail.
 - (2) Discuss the different types of Replication.
 - (3) Write a note on Active and Passive Cluster Configuration.
 - (4) Discuss the different Isolation levels.
 - (5) Explain Log Shipping.
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