RZ-003-003622 Seat No. _____

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

March - 2019

CS - 33 : Administration SQL Server - 2012

Faculty Code : 003

Subject Code : 003622

Time : $2\frac{1}{2}$ Hours] [Total Marks : **70**

1 Fill in the blanks : **20**

(1) Read-ahead requests generally _____ pages for each group.

(2) Files or Filegroups provide for the _____ of files in Microsoft SQL SERVER.

(3) Backups can be performed using _____ or SSMS.

(4) The most basic type of lock is _____ in Microsoft SQL SERVER.

(5) _____ KEY constraints create clustered indexes automatically.

(6) Maximum of _____ pages can be recovered from a backup image through a page-level restore.

(7) To start Installation of SQL Server, double click on _____

(8) Database _____ process is the creation and maintenance of redundant copies of a database.

(9) SPN stands for _____

(10) LSN stands for _____

(11) _____ is default authentication at login Screen.

(12) All SQL server T-Log us performed by using _____ structure.

(13) SPID stands for _____

(14) _____ define the type of data that can be stored in tables.

(15) _____ provide with the means to enforce data integrity.

(16) A clustered index requires that the data engine _____ sort data at data page level.

(17) SQL Server uses _____ index per table.

(18) There is/are _____ of fragmentation.

(19) TDE Stands for _____

(20) All databases, except for _____ are checkpointed.

2 (A) Answer in Brief : (Any **Three**) **6**

(1) Explain any two DBA with their responsibilities.

(2) Explain Check point.

(3) What is T-SQL in Microsoft SQL SERVER?

(4) Explain purpose of Database.

(5) Explain Drop-Only Tuning.

(6) Explain Index View.

(B) Answer in Details : (Any **Three**) **9**

(1) Explain Core responsibilities of Microsoft SQL SERVER.

(2) Explain any Three (03) DBCC commands.

(3) Explain SAN and its Advantages in Microsoft SQL SERVER.

(4) How to define Table Constraints?

(5) Explain clustered Index.

(6) Explain non-clustered Index.

(C) Answer Followings : (Any **Two**) **10**

(1) Write down steps for installation/Configuration.

(2) Explain WAL in Microsoft SQL SERVER.

(3) Write short note on Index Architecture.

(4) Explain RAID.

(5) Explain DNS and IP Benchmarking

3 (A) Answer in Brief : (Any **Three**) **6**

(1) Explain Primary and Secondary Files in Microsoft SQL SERVER.

(2) What is metadata?

(3) How to shrink database?

(4) What is graph in Microsoft SQL SERVER?

(5) Briefly explain down security Levels.

(6) How to define table location in Microsoft SQL SERVER (with example)?

(B) Answer in Details : (Any **Three**) **9**

(1) What is Failover Clustering?

(2) Explain log Shipping.

(3) Explain Data Storage in Microsoft SQL SERVER.

(4) Explain Basic data types in Microsoft SQL SERVER.

(5) Explain constraints in Microsoft SQL SERVER.

(6) Explain Attach and Detach database in Microsoft SQL SERVER.

(C) Answer Followings : (Any **Two**) **10**

(1) Explain ACID Properties in Microsoft SQL SERVER.

(2) Explain Lock Architecture and Mechanism.

(3) Explain DB snapshots with example.

(4) Explain B-Tree with example.

(5) Explain Replication in Microsoft SQL SERVER.
