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

July - 2018

CS-33 : Administration of SQL Server 2008

(Old Course)

Faculty Code : 003
Subject Code : 003603

Time : **2½** Hours]   [Total Marks : **70**

1   Write answer in one or two statements :   **20**

   (1)   TDE stands for _____.

   (2)   What is tuple ?

   (3)   A database snapshot is a read-only, static view of a SQL server database.
      (True / False)

   (4)   A column with optimized storage for null values is known as _____ column.

   (5)   SSIS stands for _____.

   (6)   What is the extension of primary file in SQL server 2008 ?

   (7)   In ACID property C stands for _____.

   (8)   SQL stands for _____.

   (9)   _____ is a by default isolation level in SQL server.

   (10)   In ACID property D stands for _____.

   (11)   What is used to remove the fragmentation of index ?

   (12)   Which brackup includes primary file group and any read-write file group ?

   (13)   ETL stands for _____.

   (14)   Redundancy is minimized with a computer based database approach.
      (True / False)

   (15)   Two types of subscriptions present for replication is _____.

(16) What is Transaction ?

(17) Within the Management Studio, _____ can build a SQL statement without having to write your own SQL code.

(18) _____ is data type that stores values of various SQL Server-supported data types.

(19) _____ returns the rank of rows within the partition of a result set, without any gaps in the ranking.

(20) _____ is used for undoing the work done in the current transaction.

2 (a) Attempt any **three** :   **6**

    (1) Explain full backup.

    (2) What is Latching ?

    (3) What is File Restore ?

    (4) What is OLTP ?

    (5) Write syntax for creating index.

    (6) What is Database Mirroring ?

   (b) Attempt any **three** :   **9**

    (1) Explain Database Snapshot.

    (2) Explain types of Table Lock.

    (3) Explain DBCC PAGE Command.

    (4) Write down advantages of database mirroring.

    (5) Explain DBCC REINDEX command.

    (6) Explain Index Maintenance.

   (c) Attempt any **two** :   **10**

    (1) Explain Full Text Index with example.

    (2) Explain Log shipping in detail.

    (3) Explain types of Replication.

    (4) Write a note on Network Level Security.

    (5) Explain Index Tuning in detail.

3 **(a)** Attempt any **three** :   **6**

      (1)   Write steps to restore Database from backup.

      (2)   Write down the syntax of create clustered index.

      (3)   What is Auto Commit ?

      (4)   What is Replication ?

      (5)   What is Disaster recovery ?

      (6)   What is the benefit of Backup ?

   (b) Attempt any **three** :   **9**

      (1)   Explain Page Lock Types.

      (2)   Write down Advantages and Disadvantages of Lock in OLAP System.

      (3)   Explain Log Shipping.

      (4)   Explain Index View.

      (5)   Write a short note on SAN.

      (6)   Write a note on Failover clustering.

   (c) Attempt any **two** :   **10**

      (1)   Write down the steps to installing SQL Server 2008.

      (2)   Explain DBA types and Its Responsibility.

      (3)   Explain RAID.

      (4)   What is Index ? Explain Index types and Structure.

      (5)   Explain Database Mirroring.

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