

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name : .Net Technology with SQL- Server

Subject Code : 4CS04BSQ3/4CS04ISQ3

Branch: B.C.A./ B.Sc. I.T.

Semester : 4

Date : 22/04/2019

Time : 02:30 To 05:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 Attempt the following questions:

(14)

- a) Define term: Database?
- b) What is SQL Server?
- c) SQL Server is provided by _____ Company.
- d) What is SQL Server Agent?
- e) Define term: PRIMARY KEY
- f) Define term: Normalization
- g) Define term: View
- h) Define term: sub query
- i) What is the Stored Procedure?
- j) Which command is used for user defined error messages?
- k) Define term: FULL Backup
- l) Given the full form of DBCC
- m) How many authentication modes in SQL Server?
- n) What are the types of Triggers?

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions:

(14)

- a) Explain SQL Server Native Client Features. (5)
- b) Difference between DBMS v/s RDBMS. (5)
- c) Explain Editions of SQL Server 2012. (4)

Q-3 Attempt all questions:

(14)

- a) Explain any five Numeric Data Types. (5)



- b) Explain Insert command with all its forms (5)
- c) Explain Union operators. (4)

Q-4 Attempt all questions: (14)

- a) What is Normalization? Explain first Normal Form and Second Normal Form (7)
- b) What is Backup? Explain types of Backup (7)

Q-5 Attempt all questions: (14)

- a) Explain User Define Functions. (5)
- b) Explain windowing and Ranking Functions (5)
- c) Explain Update command with suitable example (4)

Q-6 Attempt all questions: (14)

- a) Explain Error Handling with example (5)
- b) Explain Recovery concept with Recovery model (5)
- c) Explain If...else statement. (4)

Q-7 Attempt all questions: (14)

- a) Explain Log Shipping with its advantage and disadvantages (5)
- b) What is Replication? Explain types of Replication (5)
- c) Explain Database Snapshot (4)

Q-8 Attempt all questions: (14)

- a) Explain Database Mirroring (5)
- b) Explain Triggers with example (5)
- c) Explain types of Authentication. (4)

