

Enrollment No: _____ Exam Seat No.: _____

C.U.SHAH UNIVERSITY

Winter Examination-2018

Subject Name: .NET Technology with SQL-Server

Subject Code: 4CS04BSQ3/4CS04ISQ3

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

Semester: 4

Date: 25/10/2018

Time: 10:30 To 01:30

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.
-

Que-1 Attempt all the following short questions.

[14]

1. Give the full form of DBMS.
2. What is entity?
3. Define variable.
4. What is the use of throw statement?
5. What is comment?
6. What is primary key?
7. Define clustering.
8. Give the full form of SQL.
9. Write down the syntax of while statement.
10. What is log shipping?
11. Define database mirroring.
12. Give the full form of XML.
13. What is sub query?
14. What do you mean by row level security?

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

Que-2 Attempt all questions.

[14]

1. What is SQL server? Explain features of SQL server. [7]
2. Explain editions of SQL server 2012. [7]

Que-3 Attempt all questions.

[14]

1. What is join? Explain types of join. [5]
2. What is recovery? Explain recovery model. [5]
3. Explain query editor in brief. [4]



- Que-4 Attempt all questions.** [14]
1. Explain if statement with syntax and example. [5]
 2. Explain string scalar functions in detail. [5]
 3. Write a note on database snapshots. [4]
- Que-5 Attempt all questions.** [14]
1. What is normalization? Explain types of normalization. [7]
 2. Explain trigger with syntax and example. [7]
- Que-6 Attempt all questions.** [14]
1. What is replication? Explain types of replication. [5]
 2. Explain building expressions in detail. [5]
 3. Explain character and numeric data types. [4]
- Que-7 Attempt the following questions.** [14]
1. Write a note on types of authentication. [7]
 2. Explain user defined function (UDF) with example. [7]
- Que-8 Attempt all questions.** [14]
1. Explain error handling mechanism. [5]
 2. What is view? Give example of it. [5]
 3. Differentiate: DBMS Vs. RDBMS. [4]

