

C.U.SHAH UNIVERSITY

Summer Examination-2018

Subject Name: .NET Technology with SQL-Server

Subject Code: 4CS04BSQ3/4CS04ISQ3

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

Semester: 4

Date: 01/05/2018

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.
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Que-1 Attempt all the following short questions.

[14]

1. Give the full form of RDBMS.
2. Define entity.
3. What is registered servers?
4. What do you mean by primary key?
5. Write the syntax of insert command.
6. What is foreign key?
7. Define variable.
8. Explain comments in short.
9. Write the syntax of while statement.
10. What is backup?
11. Define clustering.
12. Give the full form of DBCC.
13. What do you mean by authentication?
14. What is replication?

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

Que-2 Attempt all questions.

[14]

1. Write a note on types of authentication. [7]
2. Explain trigger with syntax and example. [7]

Que-3 Attempt all questions.

[14]

1. Explain row level security in detail. [5]
2. What is recovery? Explain recovery model. [5]
3. Write a note on database snapshots. [4]

Que-4 Attempt all questions.

[14]

1. Explain if statement with syntax and example. [5]
2. What is stored procedure? Explain with example. [5]
3. Explain log shipping in detail. [4]



- Que-5 Attempt all questions.** [14]
1. Explain SELECT command with syntax and example. [5]
 2. What is normalization? Explain types of normalization. [5]
 3. What is join? Explain its types in detail. [4]
- Que-6 Attempt all questions.** [14]
1. Explain character and numeric data types. [5]
 2. Explain date scalar functions. [5]
 3. Differentiate between DBMS and RDBMS. [4]
- Que-7 Attempt the following questions.** [14]
1. What is SQL server? Explain features of it in details. [5]
 2. Explain SQL server components. [5]
 3. Write a note on query editor. [4]
- Que-8 Attempt all questions.** [14]
1. Explain union operator in detail. [5]
 2. What is database mirroring? Explain in detail. [5]
 3. What is the purpose of UPDATE command? Explain its syntax. [4]

