

C.U.SHAH UNIVERSITY

Summer Examination-2019

Subject Name: .Net Programming

Subject Code: 4CS04IDN1

Branch: B.Sc.IT

Semester: 4

Date: 18/04/2019

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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Que-1 Attempt all the following short questions.

[14]

1. Give the full form of CTS.
2. What is C#?
3. List out types of JIT.
4. Define variable.
5. What is constant?
6. Explain MultiLine property of TextBox control.
7. Explain Tick event of Timer control.
8. What is the purpose of Label control?
9. Give full form of MDI.
10. What is crystal report?
11. Define ADO.NET.
12. Give one difference between RadioButton and CheckBox control.
13. Which architecture does DataReader follow?
14. Give one difference between ExecuteScalar() and ExecuteNonQuery().

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

Que-2 Attempt all questions.

[14]

1. Write a note on data types of C#.NET. [7]
2. Explain various operators available in C#.NET. [7]

Que-3 Attempt all questions.

[14]

1. Discuss C# program structure with diagram. [5]
2. Explain for loop statement with example. [5]
3. Explain jagged array in brief. [4]

Que-4 Attempt all questions.

[14]

1. Explain various mouse events in detail. [5]



2. Explain ComboBox control with properties and methods. [5]
3. What is MessageBox? Explain in brief. [4]

Que-5 Attempt all questions. [14]

1. Discuss Connection class with its properties and methods. [7]
2. Write a note on DataAdapter class. [7]

Que-6 Attempt all questions. [14]

1. Differentiate: DataReader vs. DataSet. [5]
2. Differentiate: MDI vs. SDI. [5]
3. Explain DataTable class in short. [4]

Que-7 Attempt all questions. [14]

1. Explain OpenFileDialog control in detail with example. [7]
2. Explain DataGridView with its properties. [7]

Que-8 Attempt all questions. [14]

1. Write a program to create a color pallet. Take three ScrollBars for red, green, and blue color. Take a label control and according to ScrollBar values changed the color of label should be changed. [7]
2. Write a program to develop database application with ADO.NET with insert, update and delete facility for student table. Student table must have sid, sname, scity and mobilenos columns. [7]

