

Enrollment No: _____

Exam Seat No.: _____

C.U.SHAH UNIVERSITY

Winter Examination - 2019

Subject Name: .Net Programming

Subject Code: 4CS04IDN1

Branch: B.Sc.IT

Semester: 4

Date: 13/09/2019

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 JIT.
2. What is array?
3. List out types of JIT.
4. Define class.
5. What is operator?
6. Explain MultiLine property of TextBox control.
7. Explain Tick event of Timer control.
8. What is the purpose of CheckBox control?
9. Give full form of CTS.
10. What is c#?
11. Define ADO.NET.
12. Give one difference between RadioButton and CheckBox control.
13. Explain any two properties of Button control.
14. Write down syntax of if statement.

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

Que-2 Attempt all questions.

[14]

1. Explain benefits of .NET framework. [7]
2. Explain various data types available in C#.NET. [7]

Que-3 Attempt all questions.

[14]

1. Discuss switch statement with syntax and example. [5]
2. Explain for loop statement with example. [5]
3. Explain two dimensional array in brief. [4]



- Que-4 Attempt all questions.** [14]
1. Explain CLR and garbage collection in brief. [5]
 2. Explain ListBox control with properties and methods. [5]
 3. What is MessageBox? Explain in brief. [4]
- Que-5 Attempt all questions.** [14]
1. Discuss Command class with its properties and methods. [7]
 2. Explain FontDialog with properties and example. [7]
- Que-6 Attempt all questions.** [14]
1. Differentiate: ADO vs. ADO.NET. [5]
 2. Differentiate: MDI vs. SDI. [5]
 3. Explain DataAdapter 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 C# console program to check whether entered number is prime or not. [7]

