

**1911000303020082**  
**EXAMINATION OCTOBER 2024**  
**BACHELOR OF SCIENCE (COMPUTER SCIENCE) (NON-NEP)**  
**(THIRD SEMESTER)**  
**COMPUTER SCIENCE PAPER - IV (302-SYSTEM**  
**DEVELOPMENT USING C# .NET)**

[Time: As Per Schedule]

[Max. Marks: 50]

**Instructions:**

1. Fill up strictly the following details on your answer book
  - a. Name of the Examination : **BACHELOR OF SCIENCE (COMPUTER SCIENCE) (THIRD SEMESTER)**
  - b. Name of the Subject : **COMPUTER SCIENCE PAPER - IV (302-SYSTEM DEVELOPMENT USING C# .NET)**
  - c. Subject Code No : **1911000303020082**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1 Answer the questions in short. (Any Seven)**

**14**

1. Draw diagram for ado.net architecture.
2. Differentiate List Box and Combo Box.
3. List properties and Methods of Picture Box.
4. What is Exception? Write syntax for Structure Exception Handling.
5. List String related inbuilt function of C#.Net.
6. What is Significance of Data Adapter?
7. What is use of ExecuteScalar ()?
8. Write Syntax and Example for Each ... Next.
9. Differentiate SDI v/s MDI.
10. What do you mean by Disconnected Data Architecture?

**Q.2 Write answers for the followings.**

**12**

1. Explain .net Framework in details.
2. Write detail note on decision structure of C#.Net.

**OR**

1. Write detail note on various loops used in C#.Net.

2. Explain Type conversion function in details.

**Q.3 Write answers for the followings.**

**12**

1. Write detail note on Exception handling in C#.Net.
2. Explain Tree view control in detail.

**OR**

1. Write detail note on Timer Control.
2. Write detail note on Any three common dialog Control.

**Q.4 Write answers for the followings.**

**12**

1. Explain ADO Net Architecture in detail.
2. Write detail note on Data Adapter.

**OR**

1. Write detail note on data command and data reader
2. Write Detail note on Dataset.

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