2011000104040001
BACHELOR OF COMPUTER APPLICATIONS
(FOURTH SEMESTER)
.NET PROGRAMMING

[**Time: Three Hours]** **[Max. Marks: 70]**

Instructions:

1. **Fill up strictly the following details on your answer book**
   a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (FOURTH SEMESTER)**
   b. Name of the Subject: **.NET PROGRAMMING**
   c. Subject Code No: **2011000104040001**
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:

Student's Signature

Q.1 Answer the following questions: (Any 7) **14**

1. What is MSIL?
2. What is Namespace?
3. What is Boxing?
4. Explain CType() function?
5. Explain sizemode property of pictureBox control?
6. List out the properties of ProgressBar.
7. Explain MyBase keyword.
8. Differentiate between DataReader and DataAdapter.

Q.2 Answer the following questions: (Any 2) **14**

1. Explain .NET framework in detail
2. Describe the role of CLR in .NET framework.
3. Explain Type conversion function using example.

Q.3 Answer the following questions: (Any 2) **14**

1. Write a note on looping statements.
2. Write a note on option statements.
3. Explain listbox and combobox in detail.

Q.4 Answer the following questions: (Any 2) **14**

1. What do you mean by Exception? Explain structured exception handling in detail?
2. Explain constructors and destructors in VB. NET?
3. What is Inheritance? Explain types of inheritance in VB. NET?

Q.5 Answer the following questions: (Any 2) **14**

1. What is use of command object? Explain its methods in detail.
2. Explain ADO.NET disconnected data model in brief.
3. Explain Database connectivity using DataReader.

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