RAN-1842

M.Sc.(IT) Sem-VII External Examination

March / April - 2019

701 - C#.NET

Time: 3 Hours]   **[Total Marks: 70**

સૂચના : / Instructions

નીચે દર્શાવેલ ☞ નિશાનીવાળી વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the details of ☞ signs on your answer book

Name of the Examination:
☞ **M.Sc.(IT) Sem-VII External**

Name of the Subject :
☞ **701 - C#.NET**

Subject Code No.: **1 8 4 2**

Seat No.:

Student's Signature

Q:1   **Answer the following in detail (Any 3)**   **18**
1. How parallel execution can be achieved in .NET? Explain with suitable example.
2. Write a note on collection in C#.Net.
3. How to extract contents of assembly? Explain with appropriate code.
4. Differentiate structure and class type with suitable example.

Q:2   **Attempt any three**   **18**
1. Explain with example how to achieve runtime polymorphism.
2. Explain XML parsing with appropriate example.
3. How .NET framework allows developing an application using multiple languages?
4. Explain Generic class in detail with example.

Q:3   **[A]**   Explain LINQ architecture in .NET application development.   **6**

     [B]   **Write LINQ statements for following Queries (Any 5)**   **10**
     1)   Display total number of the trains from Surat to Ahmedabad .
     2)   Display the trains with maximum fare.
     3)   Display the trains with fare more than 300 and less than 600.

RAN-1842]   [1]   **[P.T.O.]**

4) Display all customers who have booked the trains of Mumbai.
5) Display total booking of each train.
6) List the files size more than 256 bytes.

Q:4   **Answer the following(Any 3)**   **18**
1. Explain how data hiding can be achieved using property type.
2. How to create user defined events? Explain with appropriate example.
3. What is serialization? Explain XML serialization.
4. Write a note on interface.

————