Reg. No. : ....

Name : ....

Seventh Semester B.Tech. Degree Examination, June 2016
(2008 Scheme)
08.705(5) C# AND .NET FRAMEWORK
(Elective – II) (R)

Time: 3 Hours Max. Marks : 100

PART – A

Answer **all** questions, **each** question carries **4** marks.

1. How is C# better than Java ?

2. How do we implement a program having more than one class with the main method ?

3. What is "fall through" in switch statement ? How is it achieved in C# ?

4. Differentiate between value, reference and output parameters.

5. What is enumeration ? How is it useful in C# programming ?

6. Explain the significance of Application.Run Method.

7. Explain two differences between a windows based application and a web based application.

8. What is a shared assembly ?

9. What is multi threading ? Write a program for creating and starting a thread.

10. What is marshaling ?

PART – B

Answer **one full** question from **each** Module. **Each full** question carries **20** marks.

Module – I

11. i) Explain features and building blocks of .Net framework.   **10**

    ii) Explain the concepts of jagged arrays in C# using suitable example. What is the major advantage of jagged array over normal array ?   **10**

OR

12. i) What is delegate ? What are the multicast delegates ? Explain with example. **10**

    ii) What is an event handling ? Write a program to handle the mouse click event using C#.   **10**

Module – II

13. Design an employee pay bill project using ADO.Net to access the data from server.   **20**

OR

14. Discuss how C# and .Net framework plays a major role in developing web form and web services.   **20**

Module – III

15. What is a reflection ? Explain how to invoke methods using reflection with an example.   **20**

OR

16. What is remoting ? Explain how it is useful in web services.   **20**