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Reg. No. : .....

Name : .....

**Seventh Semester B.Tech. Degree Examination, November 2015  
(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. What are events and delegates in C# ?
2. Differentiate between Indexers and Interfaces.
3. What is the use of data adapter in ADO.NET ?
4. What is a Dataset Object ?
5. Differentiate between Array and Arraylist in C#.
6. What is a shared assembly ?
7. Briefly explain Web Request and Web Response.
8. What is boxing and unboxing ?
9. What is method overloading ?
10. Can a private virtual method be overridden.



P.T.O.



## PART – B

Answer **any one** question from **each** Module.

**Module – I**

11. Write short notes on :

- a) Shared assemblies
- b) Indexers
- c) Interfaces of system collection

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OR

12. With a neat diagram explain the ADO.NET architecture.

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**Module – II**

13. Explain the following terms with an example with reference to C# :

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- i) for each
- ii) ref
- iii) params
- iv) enum

OR

14. Write a C# program to sort an array of employees object having Empld, Name and Salary.

– display the array sorted on names

– display the array based on salary.

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**Module – III**

15. Write short notes on :

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- a) Reflection
- b) Remoting
- c) Marshalling
- d) Versioning

OR

16. Briefly define the steps involved in ADO.NET for establishing a database connections with C#.

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