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**7271**

Register Number:

Name of the Candidate:

**M.C.A. DEGREE EXAMINATION, May 2015**  
**(FOURTH SEMESTER)**

**411. C# PROGRAMMING AND .NET FRAMEWORK**

Time: Three hours

Maximum: 100 marks

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**SECTION -A**

**(8 × 5 = 40)**

**Answer any EIGHT questions**

1. Write short notes on .NET base classes.
2. Diagrammatic representation of main activities of CLR.
3. Write C# program to sort a given set of numbers in descending order.
4. Explain about various operators available in C#.
5. Write note on object browser.
6. List out important features of VS.NET
7. Describe the control statements in C#.
8. Discuss about delegates and events.
9. List out the various advantages of ADO.NET
10. Write note on Namespaces and Base classes.

**SECTION -B**

**(3 × 20 = 60)**

**Answer any THREE questions**

11. Discuss in detail about .NET framework.
  12. Compare C# with other following languages. (i) Java (ii) VB.NET (iii) C++ (iv) Managed C++
  13. Discuss about overview of VS.NET IDE in details.
  14. Describe the exception classes with examples.
  15. Write C# program for the following (i) String palindrome (ii) Fibonacci series between 10 to 30.
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