Code: 9F00404b

MCA IV Semester Regular & Supplementary Examinations September/October 2014
.NET TECHNOLOGIES
(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1 (a)   Give an overview of **.**NET framework.
   (b)   What do you mean by CLR external environment and executables?
   (c)   Explain the automatic memory management and intermediate language concept.

2 (a)   What are the C# core language features?
   (b)   Write concept of arrays and collections with respect to C#.
   (c)   Give features and syntax for MSIL programming.

3 (a)   What is the use AppDomain and assemblies in VB**.**NET?
   (b)   Explain the multithreading concept in VB**.**NET.
   (c)   What are the different classes under GDI+?

4 (a)   Explain the architecture and features of ADO**.**NET.
   (b)   What are the steps while accessing database using ADO**.**NET?
   (c)   What is the use of dataset and data adapter objects in ADO**.**NET?

5 (a)   What is Crystal report?
   (b)   Give an overview of ASP**.**NET caching.
   (c)   Explain ASP**.**NET security architecture.

6 (a)   What is XML? Explain with example.
   (b)   Explain XSLT. Why to use it?
   (c)   Explain validating XML data with XML reader.

7 (a)   What are the different web service protocols and standards?
   (b)   What is the WSDL?
   (c)   What do you mean by AJAX Enabled web service?

8 (a)   Give introduction to lists and events in .NET mobile.
   (b)   List and explain different **.**NET mobile utilities.
   (c)   When does validation occurs?

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