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

- 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?