M.C.A. Semester:- 4   Examination April-2015

Paper Code:3612   Paper Title: Windows Programming

Time: 2:30 Hours   Marks: 70

Q1   Answer any FIVE from the following: [10]
   a.   Draw the figure of .Net Architecture.
   b.   Explain Common Language Runtime
   c.   Define the role of JIT in the execution of .NET program.
   d.   Write down code to add 3 items to List box.
   e.   Write down code to add 1 to 10 into Combo box using Loops.
   f.   List out important properties of Checkbox.
   g.   What is the difference between solution and project?

Q2   Answer any FIVE from the following: [15]
   a.   What is Form? Write down steps to create Form.
   b.   What is the use of Rich textbox? List unique properties of it.
   c.   Explain MsgBox and InputBox functions.
   d.   Explain the use of Save file dialog box.
   e.   Write down steps to create smart device application.
   f.   Write a short note on ADO.NET.
   g.   Differentiate between function and subroutine.

Q3   Answer any FIVE from the following: [25]
   a.   Write a short note on Menu Strip control with its properties
   b.   What do you mean by Data Adapters, where it is used?
   c.   Write a note on Connection. Explain how we can connect with different database
          using connection.
   d.   Explain with the help of suitable example that how you pass an array to procedures?
   e.   What are the advantages in using a dataset?
   f.   Write down timer program to display counter on Screen. Start value should be 1 and
          stop value should be 10. Increment after every 1 second.
   g.   Explain Color dialog box.

Q4   Answer any TWO from the following: [20]
   a.   Write a code to fetch data from database and display in GridView.
   b.   What is the use of Font Dialog? Write a program to illustrate the use of font dialog.
   c.   Explain .Net Compact Framework.