Day : Saturday   Time : 02:00 PM-05:00 PM

Date : 31-12-2022   **W-20056-2022**   Max. Marks : 60

N.B.:
  1) All questions are **COMPULSORY**.
  2) Figures to the **RIGHT** indicate **FULL** marks.
  3) Draw neat and labeled diagram **WHEREVER** necessary.

Q.1 What is web service? Create a web service to calculate area of circle and write steps **(15)** to implements the web service in windows.

OR

What is object oriented programming? Explain constructor and destructor with example.

Q.2 A) Answer **ANY ONE** questions of the following :   **(08)**

  a) Explain architecture of .Net.
  b) Illustrate interface used in C# with an example.

B) Answer **ANY ONE** questions of the following :   **(07)**

  a) Explain all validation controls of web Application.
  b) What are events in .Net? Write a code to explain the custom events.

Q.3 Answer **ANY THREE** questions of the following :   **(15)**

  a) Write a code using employee table to show student detail in Gridview using connected architecture of ADO. Net.
  b) Write steps to deploy web application.
  c) Explain following windows form controls with example.
         i) TextBox   ii) Button   iii) CheckBox   iv) ComboBox
  d) Illustrate Class and Object concept on .Net with example.
  e) Write a note on copy one Text file into another Text file.

Q.4 Write short notes on **ANY THREE** of the following :   **(15)**

  a) DataSet and DataAdapter
  b) Method overloading
  c) Differentiate between C# and VB. Net
  d) Error handling
  e) Access modifiers

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