C.U.SHAH UNIVERSITY
Summer Examination-2017

Subject Name: .NET Technology

Subject Code: 5CS02PVS2   **Branch:** P. G. D. C. A.

Semester: 2   **Date:** 06/05/2017   **Time:** 02:00 To 05:00   **Marks:** 70

Instructions:
  (1) Use of Programmable calculator and any other electronic instrument is prohibited.
  (2) Instructions written on main answer book are strictly to be obeyed.
  (3) Draw neat diagrams and figures (if necessary) at right places.
  (4) Assume suitable data if needed.

SECTION – I

Q-1 Define the Following terms: (07)
  a) CLR
  b) MSIL
  c) Assembly
  d) Variable
  e) Data type
  f) Class
  g) Namespace

Q-2 Attempt all questions   (14)
  a) Explain the Metadata in brief   (05)
  b) List and explain different types of operators   (05)
  c) Write a short note on JIT Compiler   (04)

OR

Q-2 Attempt all questions   (14)
  a) Explain Looping statements available in C#   (05)
  b) Write a console application to accept three numbers from user and print maximum   (05)
      number on it.
  c) Explain Break statement with example   (04)

Q-3 Attempt all questions   (14)
  a) What is inheritance? List and explain types of inheritance   (07)
  b) What is Jagged Array? Explain with example   (07)

OR

Q-3 Attempt all questions   (14)
  a) What is Constructor? Explain with example   (05)
  b) Explain Method Overloading with example   (05)
  c) Explain Static variable and methods   (04)

SECTION – II

Q-4 Attempt the Following questions **(07)**

   a) What is Boxing?
   b) What is Debugging?
   c) Which architecture does DataSet follow?
   d) Explain Checked property of RadioButton Control
   e) Explain ReadOnly property of TextBox Control
   f) What is Setup?
   g) What is Crystal Report?

Q-5 Attempt all questions **(14)**

   a) Explain abstract class with example (05)
   b) Explain Dispose() and Finalize() methods (05)
   c) Explain Sealed Class with example (04)

OR

Q-5 Attempt all questions **(14)**

   a) What is Stack? Explain with example (05)
   b) What is the use of get and set property? Explain with example (05)
   c) What is Delegate? Explain types of delegates (04)

Q-6 Attempt all questions **(14)**

   a) Explain RadioButton controls with its property, methods and events (05)
   b) Explain ListBox controls with its property, methods and events (05)
   c) Explain GroupBox and Panel controls (04)

OR

Q-6 Attempt all questions **(14)**

   a) Explain command class in details (05)
   b) Differentiate between DataSet and DataReader (05)
   c) Explain types of crystal reports in details (04)