C. U. SHAH UNIVERSITY
Summer Examination-2018

Subject Name: .NET Technology using ASP .NET

Subject Code: 4CS04IDO3   **Branch: B.Sc.I.T.**

Semester: 4   **Date: 01/05/2018**   **Time: 10:30 To 01:30**   **Marks: 70**

Instructions:
  (1) Use of Programmable calculator & 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.

Q-1 Attempt the following questions: (14)
  a) What is Intermediate Language?
  b) What is Class?
  c) What is ASP .NET?
  d) What is extension of ASP .NET web page?
  e) What is the use of TextMode property in TextBox Control?
  f) What is Validation?
  g) What is ViewState?
  h) What is the extension of CSS file?
  i) Give the full form of ADO
  j) What is DataReader object?
  k) What is XML?
  l) What is Package?
  m) What is Control State?
  n) Give the full form of WCF

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions   (14)
  a) Explain the features of .NET   (07)
  b) Explain any two .NET Framework Components   (07)

Q-3 Attempt all questions   (14)
  a) List and explain types of Inheritance available in ASP.NET   (07)
  b) Explain Operator Overloading   (07)

Q-4 Attempt all questions   (14)
  a) Explain the Directory Structure of ASP .NET Web Application   (05)

b) Explain Calender control with its property (05)

c) Explain DropDownList control with its property (04)

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

    a) List and explain different validation control used in ASP .NET (05)

    b) Explain Application State in brief (05)

    c) Explain Master page and ContentPlaceHolder (04)

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

    a) Differentiate between DataReader and DataSet (05)

    b) Explain Command object. (05)

    c) Explain GridView control in ADO .NET (04)

Q-7 Attempt all questions **(14)**

    a) Explain Login Control in details (05)

    b) Explain PasswordRecovery Control in details (05)

    c) What is Web Services? List and Explain protocols and terms of Web Services (04)

Q-8 Attempt all questions **(14)**

    a) Write ASP .NET web page to develop a Database Application with (07)
ADO.NET with Record Insert and Update Facility for Books table
(bid, bname, qty, priceperunit, total price).

    b) Write ASP .NET web page to develop a Database Application with (07)
ADO.NET with Record Insert and delete Facility for following College table
(col_code, col_name, Address, year, course = "B.C.A, B.Sc. IT, M. C. A., M. Sc. IT")