SARDAR PATEL UNIVERSITY
M.Sc. (IT) 3rd Semester
Subject Code: PS03CINT04, Distributed Applications Development Technology
Date: 07/12/2012, Friday

Time: 10:30 A.M. to 01:30 P.M.   Total Marks: 70

Q:1 Do as directed. [08]

1) **MaintainScrollPositionOnPostback is an attribute of _____ directive.**
   A) @WebPage B) @Page   C) @Control   D) @Import

2) **_____ directive associates aliases with namespace and class names for notation in custom server control syntax.**
   A) @Register B) @Page   C) @Control   D) @Import

3) **Extension of web service in .net is _____.**
   A) .wsx B) .asax   C) .asmx D) .wssx

4) **_____ is used to define structure of XML document.**
   A) XSLT B) XPath   C) XSD   D) None of above

5) **_____ are server side object that are activated upon request from the client.**
   A) Server Activated Object   B) Client Activated Object
   C) Server Object   D) Client Object

6) **ADO.NET provides the ability to create and process in-memory databases called as _____**
   A) DataView B) Relations C) Tables D) Dataset

7) **_____ state is store once per server in multiple server configurations is fast and shared among all users of web site.**
   A) Cookie B) ViewState C) Application D) All of above

8) **_____ is the only property of RequiredFieldValidator control.**
   A) ControlToValidate   B) Operator C) InitialValue D) Text

Q:2 Answer the following. (Any Seven) [14]

1) Write a short note on partial class with example.
2) Explain *<xsl:value-of>* and *<xsl:for-each>* with example.
3) List any four classes of System.Data.SqlClient namespace.
4) Differentiate between Well formed XML and Valid XML.
5) Differentiate between Connection oriented and Connectionless connection.
6) Explain *@Page* directive with any three attributes.
7) Explain *AdRotator* control with its XML file tag and example.
8) Differentiate between PostbackURL and NavigationURL.
9) Write a short note on .Net Remoting with its classes.

P.T.O.

| Q:3 (A) | Explain web service architecture in detail. | [06] |
| Q:3 (B) | List and explain special directories in ASP.net with its uses. | [06] |

OR

| Q:3 (B) | Explain XSLT in detail with example. | [06] |

| Q:4 (A) | Explain ASP.NET Page life cycle with all event in detail. | [06] |
| Q:4 (B) | List Web server control and explain any two data control with example. | [06] |

OR

| Q:4 (B) | List and explain data types in XML schema. | [06] |

| Q:5 (A) | Differentiate between : | [06] |

  1. DTD and XSD
  2. ADO and ADO.NET

| Q:5 (B) | Write a note on SOAP and WSDL protocol with its structure. | [06] |

OR

| Q:5 (B) | Define state management in ASP.net? Explain Session, Cookies and QueryString with syntax and example. | [06] |

| Q:6 (A) | Define Localization and Globalization. Explain CulturInfo class with any four methods with example. | [06] |
| Q:6 (B) | List advantages of Garbage Collector. Explain necessary conditions to activate garbage collector. | [06] |

OR

| Q:6 (B) | Write a note on Mobile Application in .net. | [06] |

~~~ **Wish You All The Best** ~~~