

[A-81]

SARDAR PATEL UNIVERSITY**M. SC. (INFORMATION TECHNOLOGY)****SEMESTER – III****PS03CINT04 (DISTRIBUTED APPLICATION DEVELOPMENT TECHNOLOGY)****28TH APRIL, 2015**

Time : 2:30 p.m. to 5:30 p.m.

Marks : 70

Note : Answers of all the questions (including multiple choice questions) should be written in the provided answer book only.

Q-1 Pick up the most appropriate answer from the given alternatives and write it in your answer book. (8)

- (i) The extension of a master file is -
(A) .mast (B) .master (C) .mst (D) None of these
- (ii) In GridView Control, the default value of PageSize property is _____
(A) 15 (B) 20 (C) 10 (D) None of these
- (iii) Which one of the followings is required to set while using ASP.NET validation controls.?
(A) ControlToCompare (B) ControlToValidate
(C) ValueToCompare (D) None of these
- (iv) Which one of the followings is not a property of Button control?
(A) Text (B) Height (C) Width (D) HotSpots
- (v) Which of the followings is not the way to maintain state?
(A) View state (B) Cookies
(C) Hidden fields (D) Request object
- (vi) Which one of the following controls has HotSpots property?
(A) Image (B) ImageMap (C) ImageButton (D) None of these
- (vii) In ASP.NET, Page directive starts with _____ symbol.
(A) <%@ (B) <%\$ (C) <%# (D) <%&
- (viii) IIS stands for -
(A) Internet Information Software (B) Integrated Information Server
(C) Internet Information Services (D) Internet Intelligence System

Q-2 Attempt the following: (ANY SEVEN) (14)

- i. What is ASP.NET? Write down the advantages of using ASP.NET.
- ii. Explain SOAP and UDDI protocol.
- iii. Explain Role based and Code based security.
- iv. Write down the uses of **Web.config** and **Global.asax** in ASP.NET.
- v. Write down various stages of ASP.NET Page Life Cycle.

- vi. Define 'Authentication' and 'Authorization'.
- vii. Differentiate: HTML and XML.
- viii. What is Session? Write down major advantages of Session.
- ix. What is Master Page? Why is it used?

Q-3 (a) Define Web Services. Explain the working of web Services with an example. [6]

(b) Explain Caching and Security features. [6]

OR

(b) Why XML is used? Explain the structure of XML document with an example. [6]

Q-4 (a) Explain ASP.Net Validation controls. [6]

(b) Explain Button and Label controls. [6]

OR

(b) List down various state management techniques available in ASP.NET and explain any two client-side state management techniques with an example. [6]

Q-5 (a) Draw and explain ADO.NET architecture. [6]

(b) Explain the concept of data binding in ASP.NET. [6]

OR

(b) Explain GridView and ListView controls. [6]

Q-6 (a) What is Serialization in .Net? Explain types of Serialization. [6]

(b) Write a note on MVC architecture in asp.net. [6]

OR

(b) Write a note on Remoting and Reflection in asp.net. [6]