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SARDAR PATEL UNIVERSITY

M.Sc.-IT Master of Science in Information Technology

Semester – III (NC) External Examinations, April 2018

PS03CINT04 – Distributed Application Development Technology (NC)

Thursday, 19th April, 2018

Time: 10:00 a.m. to 01:00 p.m.

Max Marks: 70

Q1. Choose the most appropriate option for each question.

[8]

- i. The full form of UDDI is _____.
A) Universal Data , Description and Integration
B) Universal Data, Detection and Interaction
C) Universal Description, Discovery and Integration
D) Universal Data, Detection and Integration
- ii. In ASP.NET asmx is extension of a _____.
A) web page
B) web service
C) global file
D) database
- iii. _____ is used as validation for XML document.
A) PTD
B) DTP
C) PHP
D) DTD
- iv. XML is designed to be _____.
A) machine readable only
B) human readable only
C) both machine and human readable
D) None of these
- v. The extension of ASP.NET master page is _____.
A) master
B) asmx
C) asax
D) mstx
- vi. Which of the following controls require advertisement file?
A) AdControl
B) AdPlaceHolder
C) AdRotator
D) AdPutter
- vii. In Ado.Net ExecuteNonQuery() returns _____ type of value.
A) int
B) float
C) string
D) null
- viii. In ASP.NET _____ process grants or denies permission to the user.
A) authentication
B) authorization
C) localization
D) None of these

Q2. Answer the following questions (Any Seven):

[14]

- a. What is the use of SOAP in web service?
- b. Explain WSDL in brief.
- c. List and explain in one line data types of XML.
- d. What is XML schema?
- e. Discuss the use of delegate in C#.
- f. Explain IsPostBack in brief.
- g. What is a cookie?
- h. Discuss SqlConnection object in brief.
- i. List any two uses of Reflection class.

(P.T.O.)

Q3. Answer the following questions:

- a. Write a detailed note on web services. [6]
- b. Mention difference between XML and HTML. Also mention uses of XML in dot net. [6]

OR

- b. State full form of XSLT. Explain how XSLT transforms data with appropriate example. [6]

Q4. Answer the following questions:

- a. Draw and explain in detail dot net framework architecture. [6]
- b. Explain fundamentals of object oriented programming with C#. [6]

OR

- b. List and explain various phases of Asp.net web page life cycle. [6]

Q5. Answer the following questions:

- a. List and explain in detail any three standard control of ASP.NET with their properties and events. [6]
- b. Explain validation controls (i) RequiredFieldValidator, (ii) RangeValidator and (iii) CompareValidator in detail. [6]

OR

- b. Discuss any three data controls of ASP.NET with their properties and events in detail. [6]

Q6. Answer the following questions:

- a. Differentiate between DataReader and DataAdapter. Explain DataAdapter with suitable example. [6]
- b. What is MVC? Explain MVC architecture in detail. [6]

OR

- b. Write a detailed note on dot net remoting. [6]

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