GUJARAT TECHNOLOGICAL UNIVERSITY MCA - SEMESTER-V • EXAMINATION – WINTER • 2014

Subject Code: 2650009Date: 05-12-2014Subject Name: Web Data ManagementTotal Marks: 70Time: 10:30 am - 01:00 pmTotal Marks: 70Instructions:1. Attempt all questions.2. Make suitable assumptions wherever necessary.3. Figures to the right indicate full marks.			
Q.1	(a)	 Define the Following Question: (1) What is SOAP & WSDL? (2) What is RDF(S) and OWL languages? (3) What is XUpdate? (4) Define Semistructured Data (5) What is tree-based forms? 	02 02 01 01 01
	(b)	What is XML? Explain XML Document with Syntax and Example.	07
Q.2	(a)	(1) Differentiate between XPath and XQuery(2) Explain different XML Identifier.	03 04
	(b)	Explain WEB Data Management With Example OR	07
	(b)	Describe the Processing an XML document with SAX and DOM	07
Q.3	(a) (b)	What is Typing? Explain Motivating Typing with Example. Explain Schema Languages for XML with Example. OR	07 07
Q.3	(a) (b)	Write a short notes on Automata. Give details of XQuery step and expressions.	07 07
Q.4	(a) (b)	XML query evaluation techniques. How to installation of Managing an XML Database with EXIST Step by Step Process.	07 07
Q.4	(a) (b)	OR Explain XPath and XQuery operators and functions in details Write a short notes on ontologies with example.	07 07
Q.5	(a)	What is Data Integration? Difference between Global-As-View mediation and Local-As-View mediation.	07
	(b)	What is Bucket? Explain Bucket Algorithm Input and Output Step. OR	07
Q.5	(a) (b)	What is Distributed System? Explain replication policies in a distributed system What is Distributed Access Structures? Explain Hash-based structures.	07 07
