Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA - SEMESTER- V EXAMINATION - WINTER 2016

Subject Code: 2650009 Subject Name: Web Data Management Time:10:30 TO 01:00 Instructions:			Date:24/11/2016 Total Marks: 70	
		:30 TO 01:00 Total Marks:		
Inst	1. 2.	Attempt all questions. Make suitable assumptions wherever necessary. Figures to the right indicate full marks.		
Q.1	(a)	Define the Following Question: (1) Define Semistructured Data (2) What is XUpdate? (3) What is SOAP & WSDL? (4) What is tree-based forms? (5) What is RDF(S) and OWL languages?	01 01 02 01 02	
	(b)	Describe the Processing an XML document with SAX and DOM	07	
Q.2	(a)	What is XML? Explain XML Document with Syntax and Example.	07	
	(b)	Explain WEB Data Management With Example OR	07	
	(b)	(1) Differentiate between XPath and XQuery	03	
		(2) Explain different XML Identifier.	04	
Q.3	(a) (b)	Write short notes on Autonologies. Explain Schema Languages for XML with Example. OR	07 07	
Q.3	(a) (b)	Give details of XQuery step and expressions. What is Typing? Explain Motivating Typing with Example.	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	
		OR		
Q.4	(a) (b)	Explain XPath and XQuery operators and functions in details. Write short notes on ontologies with example.	07 07	
Q.5	(a) (b)	What is Bucket? Explain Bucket Algorithm Input and Output Step. What is Distributed Access Structures? Explain Hash-based structures. OR	07 07	
Q.5	(a)	What is Distributed System? Explain replication policies in a distributed	07	
	(b)	system. What is Data Integration? Difference between Global-As-View mediation and Local-As-View mediation.	07	
