Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

MCA – SEMESTER – V EXAMINATION – WINTER 2015

Subject Code: 2650009		Date: 08/12/ 2015	
Tiı	me: 10 truction 1. 2.	ons: Attempt all questions. Make suitable assumptions wherever necessary.	Fotal Marks: 70
	3.	Figures to the right indicate full marks.	
Q.1		What is XML? Explain XML Document with Syntax and Example Define the Following Question:	le. 07
	(6)	 What is XUpdate? What is SOAP & WSDL? 	01 02
		3. What is a tree-based form?4. What is an RDF(S) and OWL language?5. Define Semistructured Data.	01 02 01
Q.2	(a)	Describe the Processing an XML document with SAX and DOM.	
	(b)	 Differentiate between XPath and XQuery. Explain different XML Identifier. 	03 04
	(b)	OR Explain WEB Data Management With Example.	07
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Q.3	(a) (b)	Write a short note on Autonologies. Explain Schema Languages for XML with Example. OR	07 07
Q.3	(a) (b)	What is Typing? Explain Motivating Typing with Example. 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 Process.	07 Γ Step by Step 07
		OR	
Q.4	(a)	What is Data Integration? Difference between Global-As-View mcLocal-As-View mediation.	
	(b)	What is Distributed Access Structures? Explain Hash-based struc	tures. 07
Q.5	(a) (b)	Explain XPath and XQuery operators and functions in details. Write a short note on Ontologies with example. OR	07 07
Q.5	(a) (b)	What is Distributed System? Explain replication policies in a distributed System? Explain Bucket Algorithm Input and Output Ste	•
