

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA - SEMESTER-V • EXAMINATION – SUMMER • 2015****Subject Code: 2650009****Date: 08-05-2015****Subject Name: Web Data Management****Time: 02:30 pm to 05:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q. 1** [A] What is XML? Explain XML Document with Syntax and Example. **07**
- [B] (1) Differentiate between XPath and XQuery. **03**
(2) Explain WEB Data Management With Example. **04**
- Q. 2** [A] Define the Following Question: **07**
- (1) What is tree ó based forms?
 - (2) What is XUpdate?
 - (3) Full Form of SOAP
 - (4) Full Form of GAV and LAV
 - (5) What is OWL languages?
 - (6) What is Use of WSDL?
 - (7) Define Semi structured Data
- [B] Give details of XQuery step and expressions. **07**
- OR**
- [B] What is Typing? Explain Motivating Typing with Example. **07**
- Q. 3** [A] Describe the Processing an XML document with SAX and DOM. **07**
[B] Write short notes on ontologies with example. **07**
- OR**
- Q. 3** [A] Explain different XML Identifier with example. **07**
[B] Write a short notes on Automata. **07**
- Q. 4** [A] Explain Schema Languages for XML with Example. **07**
[B] What is Bucket? Explain Bucket Algorithm Input and Output Step. **07**
- OR**
- Q. 4** [A] Explain XML query evaluation techniques. **07**
[B] What is Distributed System? Explain replication policies in a distributed system. **07**
- Q. 5** [A] What is Distributed Access Structures? Explain Hash-based structures. **07**
[B] Explain XPath and XQuery operators and functions in details. **07**
- OR**
- Q. 5** [A] How to installation of Managing an XML Database with EXIST Step by Step Process. **07**
[B] What is Data Integration? Difference between GAV mediation and LAV mediation. **07**
