

Seat No.: _____

Enrolment No. _____

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 ñ 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**
