

GUJARAT TECHNOLOGICAL UNIVERSITY
MCA - SEMESTER- V EXAMINATION – WINTER 2016

Subject Code: 2650009**Date:24/11/2016****Subject Name: Web Data Management****Time:10:30 TO 01:00****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)** Define the Following Question:
- | | |
|---------------------------------------|-----------|
| (1) Define Semistructured Data | 01 |
| (2) What is XUpdate? | 01 |
| (3) What is SOAP & WSDL? | 02 |
| (4) What is tree-based forms? | 01 |
| (5) What is RDF(S) and OWL languages? | 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 **07**
- OR**
- (b)** (1) Differentiate between XPath and XQuery **03**
- (2) Explain different XML Identifier. **04**
- Q.3 (a)** Write short notes on Autologies. **07**
- (b)** Explain Schema Languages for XML with Example. **07**
- OR**
- Q.3 (a)** Give details of XQuery step and expressions. **07**
- (b)** What is Typing? Explain Motivating Typing with Example. **07**
- Q.4 (a)** XML query evaluation techniques. **07**
- (b)** How to installation of Managing an XML Database with EXIST Step by Step Process. **07**
- OR**
- Q.4 (a)** Explain XPath and XQuery operators and functions in details. **07**
- (b)** Write short notes on ontologies with example. **07**
- Q.5 (a)** What is Bucket? Explain Bucket Algorithm Input and Output Step. **07**
- (b)** What is Distributed Access Structures? Explain Hash-based structures. **07**
- OR**
- Q.5 (a)** What is Distributed System? Explain replication policies in a distributed system. **07**
- (b)** What is Data Integration? Difference between Global-As-View mediation and Local-As-View mediation. **07**
