

Seat No.: _____

Enrolment No. _____

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

Subject Code: 2650009

Date: 11/05/2016

Subject Name : Web Data Management

Time: 10.30 AM TO 01.00 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] Define the Following Question: 07

- (1) Full Form of RDF and OWL.
- (2) What is XPointer ?
- (3) What is work of SVG ?
- (4) Define : Saxon
- (5) Write rules of Converting a node set to a string.
- (6) Difference between XPath 1.0 and XPath 2.0.
- (7) Define : MonetDB

[B] How semistructure data model resolves issues in existing web data management? 07

Q.2 [A] Discuss FLWOR Expression in XQuery with example. 07

[B] What is XPath Axes ? List out All and Explain any Seven. 07

OR

[B] "An XML document is a labeled, unranked, ordered tree." Explain with example. 07

Q.3 [A] Discuss between ranked trees and unranked trees. 07

[B] Explain XML evaluation techniques. 07

OR

Q.3 [A] Explain Region-based identifiers with Example. 07

[B] Discuss importance of DTD and XSD with example. 07

Q.4 [A] How to Fragmenting XML document on disk explain with example. 07

[B] Explain Graph Semistructured data and Graph Bisimulation. 07

OR

Q.4 [A] How to work Failure Management in Distributed System. 07

[B] Write Short note of Ontologies and logics. 07

Q.5 [A] What is MapReduce ? How to mapreduces operates in Steps. 07

[B] What is Web Searching ? Discuss Web Graphics Mining. 07

OR

Q.5 [A] How to Work Search tree in Distributed Indexing. 07

[B] What is Distributed System ? Which property required in Distributed system. 07