

Seat No.: _____

Enrolment No. _____

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

Subject Code: 2650009
Subject Name : Web Data Management

Date: 11/05/2016

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**