

GUJARAT TECHNOLOGICAL UNIVERSITY
ME - SEMESTER-IV • EXAMINATION- WINTER • 2015

Subject Code: 742301**Date: 05/12/2015****Subject Name: Web 2.0 & Semantic Web****Time: 2:30 PM TO 5:00 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) Explain in detail Semantic Web Layered Architecture. **06**
 (b) Answer any four of the following. **08**
1. List names of Ontology Language for the web?
 2. What is XML Namespaces. Show its use with an example
 3. Define Podcasting
 4. What are Rich Client Browsers? Give some examples?
 5. What are web brokes? What lose a business can suffer when there is web broke?
- Q.2** (a) Write Short Note on Syndication. **07**
 (b) Explain in detail WS*-Stack Architecture. **07**
- OR**
- (b) Detail how Mashups play its role in modeling a business. **07**
- Q.3** (a) What is Web Mining ? Detail its classification giving examples. **07**
 (b) Show how WS* defer from the REST. **07**
- OR**
- Q.3** (a) Write a short note on Resource Description Framework with an example **07**
 (b) Discuss Descriptive formats for Multimedia along with some sample. **07**
- Q.4** (a) How is URL different from URI? Give the identifiers of a URI. Explain it with the reference example. **07**
 (b) What are the advantages of XHTML over HTML. **07**
- OR**
- Q.4** (a) What is screen scraping? Explain all its steps in detail. **07**
 (b) Write in detail with example about Design Issues while making a Web Page ? **07**
- Q.5** (a) What is AJAX? Show the different technology used to form AJAX with example. **07**
 (b) Explain Evolution of Web? Also differentiate semantic web from other previous evolutions? **07**
- OR**
- Q.5** (a) Write an XML file a student record like Name, Course, Branch, Semester, College. Provide Styling to using XSLT template of any choice. **07**
 (b) Write Short On SVG. **07**
