

Code: 9F00405b

MCA IV Semester Regular & Supplementary Examinations September/October 2014

SOCIAL NETWORKS & SEMANTIC WEB

(For students admitted in 2009, 2010, 2011 and 2012 only)

Time: 3 hours

Max Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What are the features of Web 3.0? Explain in detail.
(b) What is semantic web? Explain with an example.
- 2 (a) Explain rules designed with the help of OWL.
(b) Demonstrate usage of RDF with real time application.
- 3 (a) Write down schema using XML to store basic information association with student.
(b) To specify the details of client server communication, draw sequence diagram for the same.
- 4 (a) What is ontology? How to use it to design web application?
(b) How formation of rule is different from the rule that might be formed by using programming language?
- 5 (a) How semantic approach facilitates the searching process?
(b) How to embed web services into web application?
- 6 (a) What is innovative approach that could be used to enhance popularity of social networking site?
(b) How to utilize the information from various search engines?
- 7 (a) Comment on the security of information stored at social networking site.
(b) What is significance of tag analysis?
- 8 (a) How to analyze blogs and forums?
(b) How to collect information about a person from social networking sites?
