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
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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?

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