

Code: 9F00405b

MCA IV Semester Supplementary February 2014 Examinations

SOCIAL NETWORKS AND SEMANTIC WEB

(For 2009, 2010 & 2011 admitted batches only)

Time: 3 hours

Max. Marks: 60

Answer any FIVE questions
All questions carry equal marks

- 1 (a) What is artificial intelligence? Mention the tool or technology to implement it.
(b) What are agents? Give one example from existing web sites.
- 2 (a) Design a rule to accept or to reject packets coming from the network.
(b) What is DTD? How DTD is used to support web application.
- 3 (a) Write down a process to implement owl.
(b) Is it possible to merge various rules? How to combine two files to perform this merging?
- 4 (a) Comment on the performance of search engine implemented using semantic web approach.
(b) How to collect a data by using
(i) API?
(ii) Crawler?
- 5 (a) How the world of advertising gets facilitated by social networking site?
(b) How users will get really benefited by the service provided by social applications (non-existing)?
- 6 (a) How to aggregate search engine application with social networking site?
(b) How to perform data modeling? How blogs and forums will make this modeling better?
- 7 (a) How to evaluate performance of social networking site?
(b) Comment on the interface provided by the social networking site like face book.
- 8 (a) What is contribution of ontology while designing social networking site?
(b) Design a social application to embed with social networking site. Mention steps required for the same.
