Code No: F3507
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
MCA V Semester Examinations, January 2012
SEMANTIC WEB AND SOCIAL NETWORKS
Time: 3hours   **Max.Marks:60**
Answer any five questions
All questions carry equal marks
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1. a)   What are the limitations of todays web?
   b)   What are the features of next generation web?   [6+6]

2.   Write short notes on the following
        a) Software agents
        b) Artificial Intelligence   [6+6]

3.   Explain resource description framework (RDF) schema.   [12]

4. a)   Explain the key concepts of social network analysis.
   b)   Explain the global structure of social networks.   [6+6]

5.   Explain:
        i)WWW
        ii)OWL.   [6+6]

6. a)   Write about Web Search Agents.
   b)   What is Semantic Road Map? Explain?   [6+6]

7. a)   Write about blogs.
   b)   Explain Inference engines.   [6+6]

8. a)   Explain the features of Ontology.
   b)   Explain how XML is used for knowledge representation.   [6+6]

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