Code: 9F00405b

MCA IV Semester Regular & Supplementary Examinations, July 2013
SOCIAL NETWORKS AND SEMANTIC WEB

Time: 3 hours   Max Marks: 60

Answer any FIVE questions
All questions carry equal marks
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1   What is artificial intelligence? Explain in detail semantic web.

2   What are ontologies? Explain their role in semantic web.

3   What are different ontology methods? Explain about ontology libraries and ontology mapping.

4   Explain semantic web application and services.

5   Write about:
   (a) The marco structure of social networks.
   (b) Personal networks.

6   Discuss about:
   (a) Electronic discussion networks.
   (b) Ontological representation of social relationships.

7   Explain the importance of evaluation of web-based social network.

8   Explain about:
   (a) Data representation.
   (b) Data reasoning.
   (c) Data visualization.

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