R09

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.TECH II - SEMESTER EXAMINATIONS, APRIL/MAY 2012
SEMANTIC WEB AND SOCIAL NETWORKS
(COMMON TO COMPUTER SCIENCE, COMPUTER SCIENCE AND ENGINEERING)

Time: 3hours   Max. Marks: 60

Answer any five questions
All questions carry equal marks

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1.   Write short notes on
        a) Blogs
        b) Web based networks

2.   Give an overview of the following
        a) Berners-Lee WWW
        b) Logic on the semantic web

3.   Write a detail note on "Building semantic web applications with social network features".

4.a)   Explain Ontology merging.
   b)   Write about inference engines.

5.a)   Write about 'the next generation web'.
   b)   Explain the features of Ontology.

6.a)   Explain Ontology Web Language(OWL).
   b)   Write about Semantic Search Technology.

7.   Explain Resource Description Framework (RDF) schema.

8.a)   What is the role of Ontology in the semantic web?
   b)   Write about Ontology Libraries.

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