Code: 9A05804

R09

B.Tech IV Year II Semester (R09) Advanced Supplementary Examinations, July 2013
SEMANTIC WEB
(Computer Science and Engineering)

Time: 3 hours   Max. Marks: 70

Answer any FIVE questions
All questions carry equal marks
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1   Write about semantic web. Explain how semantic web works.

2   Define the term ontology. Explain the differences among taxonomies.

3   Explain inference problems for assertions.

4   Discuss OWL. Explain requirements for web ontology description languages.

5   Introduce about semantic web services and its essentials.

6   Write about upper ontologies. Explain different methods for ontology development.

7   Explain in detail about metadata and ontology editors.

8   Discuss in detail ontologies for the description of works of art.

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