

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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