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Code No: D5807**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD****M.Tech II - Semester Regular Examinations September, 2010****SEMANTIC WEB AND SOCIAL NETWORKS****(COMPUTER SCIENCE AND ENGINEERING)****Time: 3hours****Max. Marks: 60**

Answer any five questions
All questions carry equal marks

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| 1. | a) Explain information age. | 6M |
| | b) Write short notes on software agents? | 6M |
| 2. | Explain the following | |
| | a) Artificial Intelligence b) XML Schema | 6M+6M |
| 3. | a) Write about RDF schema? | 6M |
| | b) What is the role of ontology's in the semantic web? | 6M |
| 4. | a) Explain Ontology Web Language (OWL). | 6M |
| | b) How can you share and merge ontology? | 6M |
| 5. | Describe web search agents and semantic methods. | 12M |
| 6. | a) Write short notes on XML based web services? | 6M |
| | b) What are the electronic sources for Network analysis? | 6M |
| 7. | Describe the development of the social networks analysis. | 12M |
| 8. | Define the following | |
| | a) Semantic Road Map | 4M |
| | b) Ontology Mapping | 4M |
| | c) Blogs | 4M |

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