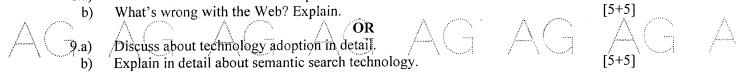
AG AG AG AG AG AG AG

Cod	e No: 128EQ	R15	
A G	B. Tech IV Year II Semester Examinations, July - 2019 SEMANTIC WEB AND SOCIAL NETWORKS (Computer Science and Engineering) e: 3 hours Max. M.	ABAD Arks: 75	
Note	Part A is compulsory which carries 25 marks. Answer all questions in Pacconsists of 5 Units. Answer any one full question from each unit. Each question marks and may have a, b, c as sub questions. PART - A	ion carries 10	_
1.a) b) c) d) e) f) g) h)	Why intelligent ubiquitous devices improve productivity? Explain about the WWW. Describe ontology sharing and merging. What are unique features of UML? Explain about semantic Web services. Explain about Monotonic and Nonmonotonic Rules. Describe electronic discussion networks. What is network analysis? Explain.	[2] [3] [2] [3] [2] [3] [2] [3] [2] [3]	_
	Define Sesame Repository. Explain about GraphUtil. PART-B	[2] [3] (50 Marks)	1
2.a) b) -3.a) b)	Discuss how the number of nodes on the Web creates computational complexis the ability to develop logic proof systems. Explain about artificial intelligence and machine intelligence. OR Discuss about the logic on the semantic Web. What are limitations of semantic Web? Describe the next generation Web.	[5+5] [5+5]	1
4.	Explain in detail about RDF and RDF schema. OR	[10]	
5.a) b) 6.a) b)	Discuss about ontology engineering in detail. What is OWL? Explain in detail. Discuss in detail about RDF inference engine. What are semantic Web applications? Explain. OR	[5+5] [5+5]	
7.a) b)	Explain in detail about inference engines. Describe semantic search and e-learning.	[5+5]	
AG	AG AG AG AG AG	AG	1



- 10. Explain in detail about Web based networks. [10]
- 11. Explain the following:

 a) Blogs
 b) Online communities.

 A

 [545]

--ooOoo--

AG AG AG AG AG AG AG

AG AG AG AG AG AG AG

AG AG AG AG AG AG AG

AG AG AG AG AG AG AG A

AG AG AG AG AG AG AG