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Code No: 58039 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. Tech IV Year II Semester Examinations, May - 2016 ADHOC AND SENSORS NETWORKS

(Common to CSE, IT)

	Time: 3 Hours	Max. Marks: 75					
	K9	All	Answer any Fiv I Questions Carr		X	K9	+ 6 +X8 X X A 3 X B 4 X B X B X B X B
	b) Briefly ex 2.a) What is fl	at routing? Expl		of DSR protoco	ireless networks.	[7+8] [8+7]	KS
			ticasting and Geo igning a transpor		for ad-hoc wireles	ss.networks?	× × × × × × × × × × × × × × × × × × ×
		ne applications on the significance of the sig	of sensors. of clustering of se	nsors.		[7+8]	
	5Discuss O	CSMA based M DMA scheme.	IAC protocols	of sensor networ	rks and compare	with hybrid	* * * * * * * * * * * * * * * * * * *
6.a) Explain LEAP key management protocol in sensor networks.b) Give various types of attacks that affect the routing protocols in sensor networks. [8+7]							
	7.a) :::Explain the	he functions of v	various componer of sensor network	nts of sensor netv programming?	vork hardware.	[.:	* * * * * * * * * * * * * * * * * * *
	8. Write a b a) Tiny C b) TOSSI		K9	K9	K9	[8+7]	
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	K9	K9	* * **	K9	K9	K9 -	N 9 N 6 6 6 8 N 6 N 6 N 8 N 8 N 8 N 8 N 8 N
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