## Code No: S5501 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD M.Tech II - Semester Examinations, March/April 2011 ADVANCED COMPUTER NETWORKS (EMBEDDED SYSTEMS)

Tin	ne: 3hours	Max. Marks: 60
	Answer any five questions	
	All questions carry equal marks	
1. a)	Explain congestion prevention policies.	
b)	Explain resource reservation protocol.	[6+6]
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2. a)	Discuss about the data transmission through broad	
b)	Describe the congestion control flow specifications.	[6+6]
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3. a)	Write the applications of PAN technology.	[6+6]
b)	Explain wireless LAN protocols.	[6+6]
4. a)	Describe the issues of VPN security.	
b)	Explain the concept of channel reuse.	[6+6]
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5. a)	Discuss about various classes of ATM adaption layer.	
b)	Compare AAL protocols.	[6+6]
6. a)	What are the factors affecting QoS parameters.	$\left[ C \mid C \right]$
b)	Explain Folding algorithm.	[6+6]
7. a)	List out the properties of Banyan networks.	
b)	Explain multiplexing in SONET.	[6+6]
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8.	Write a brief note on the following:	
	a) SONET layers.	
	b) Traffic shaping.	[6+6]

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