Code	No: D7801 JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDE M.Tech II - Semester Examinations, March/April 2011 WIRELESS NETWORKS (COMPUTER NETWORKS AND INFORMATION SECURIT Time: 3hours Max. M Answer any five questions All questions carry equal marks	
1.	Explain the characteristics of wireless medium?	[12]
2. a) b)	What are the applied wireless transmission techniques? Compare the various modulation schemes used in wireless networks?	
3.	<ul> <li>In wireless medium access, explain:</li> <li>a) Fixed-assignment for voice-oriented networks</li> <li>b) Random access for data-oriented networks</li> </ul>	[12] [12]
4. a) b) c)	Discuss the various wireless network topologies? Explain the signal-to-interference ratio calculation in wireless networks? What is the shape of a cell? Explain?	[12]
5. a) b)	Explain the radio resources and power management in wireless networks? What are security issues in wireless networks? Explain?	[12]
6.	Explain WAP architecture and components?	[12]
7. a) b) 8. a) b)	Describe physical layer of Blue tooth? What are the security and Networking issues of Blue tooth –Explain them Explain the WLAN configurations? Describe IEEE802.11 standards?	? [12] [12]

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