NR

Code No: B0608, B5510

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.Tech II - Semester Examinations October / November 2011
WIRELESS COMMUNICATION AND NETWORKS
(COMMON TO DIGITAL SYSTEMS & COMPUTER ELECTRONICS, EMBEDDED SYSTEMS)

Time: 3hours **Max.Marks:60**

Answer any five questions
All questions carry equal marks

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1. Describe the popular techniques to improve the Capacity of Cellular Systems. [12]
2. Explain CDMA with neat diagrams and also discuss its Mobile wireless design considerations. [12]
3. Explain about the X.25 Protocol with applications. [12]
4. Explain the Common Channel Signaling service in wireless networks. [12]
5. Draw and Discuss about the Protocol Stack of Wireless Application Protocol. [12]
6. Explain the architecture and Services of IEEE 802.11 WLAN Protocol. [12]
7. Explain the Base band specifications of Bluetooth. [12]
8. What are the advantages and Disadvantages of GSM and suggest how the Disadvantages of GSM can be overcome by other Wireless technologies. [12]

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