- Introduction to Mobile Computing
- MAC Protocols
- Wireless MAC Issues
- Fixed Assignment Schemes
- Random Assignment Schemes
- Reservation Based Schemes
- Mobile Internet Protocol & Transport Layer
- Mobile IP
- Route Optimization Mobile IP
- TCP/IP
- Mobile Telecommunication System
- Mobile Device Operating Systems
- Global System for MobileCommunication (GSM)
- General Packet Radio Service (GPRS)
- Universal Mobile Telecommunication System (UMTS)
- Software Development Kit fo Mobile OS
- Mobile Commerce
- Mobile Ad Hoc Network
- Mobile Payment System

Previous Years Solved

- What are the pros and cons and limitations of Wireless Communication Mobilesystem as compared to Wired Communication system?

- Explain the design goals of a MAC protocol for adhoc wireless network.
- Explain the different design issues for Wireless MAC protocol with certain ex- amples.
- Explain the basic concept of Multiple Access Schemes? Explain with brief com- parison FDMA, TDMA with suitable example?
- How does slotted ALOHA improve throughput as compared with pure ALOHA? Explain.