1. Answer yes or no to the following questions (8 parts):
2. [ ] 7-cell cluster has to be used in a cellular system.
3. [ ] Handoff occurs only at the cell periphery in a cellular system.
4. Numerical questions, many parts.
5. Answer the following questions (many parts):
6. What is the major advantage of sleep mode in a cellular system?
7. What is the role of Beacon signals?
8. How can you address collisions of Beacon signals in a cellular system?
9. How does CSMA/CA enable collision-free transfer of information between two cell phones?
10. What is meant by a hidden terminal problem?
11. Why is it not desirable to have hard hand-off in a CDMA system?
12. Write notes on the following (many parts):
13. 1-hop and 2-hop neighbors
14. Beacon Signals
15. Stop and wait ARQ
16. contention window