

SECTION B

2. What is the difference between circuit switching and packet switching? Which one of them is faster and why? Which is more resource intensive and why?
3. What is IPSec Protocol? Discuss its header.
4. How is TDMA based network different from CDMA based networks?
5. What is the mechanism used to secure traffic communication over http protocol? What are digital signatures and how are they implemented?
6. Explain the network architecture of a cellular network.

SECTION C

7. Compare the TCP header and UDP header. List the field in the TCP header that is missing from UDP header. Give the reason for their absence.
8. What are the essentials of a Wireless System Design? Why is frequency reuse important and how can it be attained in a cellular network?
9. Explain the different types of Routing Protocols. Specifically discuss in details 03 routing protocols used in adhoc networks.
 - a) Explain IEEE 802.11 architecture and services.
 - b) Explain logical link control.