1. List the characteristics of Manet
2. Define the term dynamic topology
3. Explain the meaning of "every node is autonomous"
4. What do you understand by self configuring n self healing nodes
5. List pros n cons of Manets
6. What is manet and list the types of Manets
7. What is the concept of routing in Manet
8. Differentiate between proactive n reactive routing protocols in Manet.
9. Explain DSDV Protocol with example
10. Highlight how count to infinity problem be solved using DEDB
11. Explain the working of GSR protocol along with example and format of all tables
12. Explain the process of identifying an optimal path in dynamic source routing  with an example
13. Explain the working of AODB protocol

1. Explain the concept of beam forming in MIMO
2. What is the advantage of MIMO technology
3. Differentiate between OFBM and FDM
4. Application of OFDM systems
5. Define the term MIMO and Diversity gain in MIMO

1. What are the advantages of wireless LAN
2. Compare infrared and radio transmission technology wrt wireless LAN
3. Explain basics of zigbee technology.
4. Differentiate between single hop and multi-hop wireless transmission.
5. Explain the architecture of IEEE 802.11.
6. Describe the 802.11layers and their respective functions.
7. Describe the variants of physical layer used in 802.11.
8. How is mobility restricted using WLANs? What additional elements are needed for roaming between networks, how and where can WLANs support roaming? In your answer, think of the capabilities of layer 2 where WLANs reside.
9. If Bluetooth is a commercial success, what are the remaining reasons for the use of infrared

 transmission for WLANs?

1. How do 802.11 and bluetooth solve the hidden terminal problem.
2. How are fairness problems regarding channel access solved in IEEE 802.11 and Bluetooth respectively?
3. How fairness problems regarding channel access are solved in 802.11 and bluetooth.
4. Explain the access methods used in 802.11.
5. Explain carrier sensing and different ways of carrier sensing in 802.11.
6. Explain the process of piconet formation.
7. What is a scatternet?
8. Explain bluetooth protocol stack.
9. What are low power states of bluetooth?
10. Compare bluetooth  and zigbee
11. What is zigbee ?