

Assignment 2

1. How 3G revolutionized the Cellular Communications? (Explain the concept Voice Centric network to data centric network)
: You may refer book from Pg. No. 53
2. What are the IMT-2000 3G Cellular Standards?
3. Explain High Speed Downlink Packet Access (HSDPA) & High-Speed Uplink Packet Access (HSUPA).
4. What are the key technologies for 3G Cellular Systems?
5. Compare Frequency Division Duplex (FDD) and Time Division Duplex (TDD) techniques.
6. What is MIMO Antenna technology? What are the Benefits of MIMO Technology?
7. Outline the Key technology of Fourth Generation (4G) mobile radio networks.
: You may refer book from Pg. No. 111
8. What is LTE and Advanced-LTE?
: You may refer book from Pg. No. 125
9. Difference between LTE and VOLTE.
10. Discuss the concept of Fifth Generation (5G) wireless communication and its unique features.