Subject: 5CS5-11 Wireless Communication

Q.1 What do you mean by Wireless communication? Describe its advantages.

Q.2 Explain the parts of different sub-systems by drawing its block diagram.

Q.3 Describe Large scale and small scale propagation models.

Q.4 Find the far field distance for an antenna with maximum dimension of 1meter and operating frequency of 800 MHz.

Q.5 Derive Friis free space equation, in which the free space power received by a receiver antenna which is separated from a radiating (transmitting) antenna by a distance d.