

Q1. ANSWER THE FOLLOWING

1. What is double spotting in a radio receiver ?
2. An amplifier with 10dB noise figure and 4 dB power gain is cascaded with a second amplifier which
3. A PCM system uses a uniform quantizer followed by a 7 bit encoder. The system bit rate is 50 Mbits

Q3. ANSWER THE FOLLOWING

1. What is meant by signal to noise ratio ? Discuss the importance of SNR in radio receivers.
2. A 400 W carrier is simultaneously modulated by two audio waves and modulation percentage of 50
3. List the different method of FM generation.