

Topic: Analog Transmission

Q.1. Define Modulation.

Q.2. How many types of Analog-To-Analog Conversion?

Book: Forouzan :- 152.

Q.3. Define Amplitude Modulation: (P-153)

Explain sidebands of AM and explain it

mathematically.

Q.4. What is Double Side Band Suppressed Carrier (DSBSC) and what is Single Side Band Suppressed Carrier (SSBSC)?

Q.5. Explain frequency Modulation with mathematical formulation.

Q.6. Explain Phase Modulation with Mathematical formulation.

Q.7. Why do we need Analog Modulation?

Topic: Digital to Analog Conversion.

Q.1 Study various types of Digital to Analog conversion.

[Ans: ASK, FSK, PSK, BPSK, QPSK, QAM] [Book: 141]

Q.2. Solve: Book: 11-22

Pg: 158-160.

Book: Forouzan