



### SECTION-B

2. Explain how the phase modulation obtained from the frequency modulation.
3. Give a fair Comparison between AM and FM.
4. Write a short note on receiver parameters.
5. Discuss the frequency modulator with diagram.
6. Explain the AM receiver characteristics.

### SECTION-C

7. Discuss the generation of SSB transition with their three different methods.
8. Write a note on multiplicative mixer using dual gate MOSFET with diagram.
9. Discuss the different element of communication system with block diagram.

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