Mod 1 - 10 MARKS

Length of the Antenna

Am vs FM

Which will have longer range AM or FM

Mod 2 - 15 marks

Equations will be given

From that calculate Power and modulation index.

Mod 3 - 15 marks

Study about the different Detectors

DSB SC and SSB SC

Null effect

Mod 4 - 20 Marks

FM

Equations and table will be given u must be able to plot the spectrum.

Bessel Function

Equations will be given from that deduce carrier frequency..etc.

AM AND FM know all the formulas.

Narrow Band

Wide Band

Mod 5 - 15 Marks

Superheterodyne

AGC and AFC

Mod 6 - 15 marks

Figure of merit of AM and FM

which is better?

Noise figure for AM. Equations are enough...detailed derivation is not required.

Mod 7 - 10 marks

PAM and PWM

FDM main component.