LIC →

Q. ADC, DAC — Types (working explain)

Q. Functional block diag of 555 Timer IC

Q. Monostable multivibrator & Astable (also).
with waveform & IC pin configuration

Q. Design of lowpass filter (1st & 2nd order)

Q. Sine wave & oscillator
(wien bridge) — working & eq $\frac{1}{2\pi\sqrt{6}RC}$

Q. Functional block diag of series voltage regulator

Q. Design voltage regulator using 7805 - for
current source.