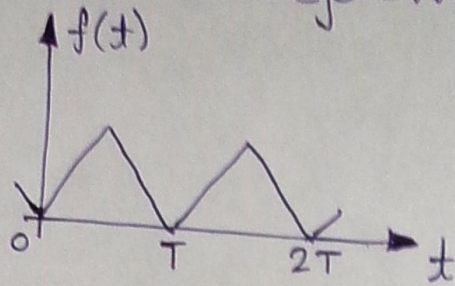
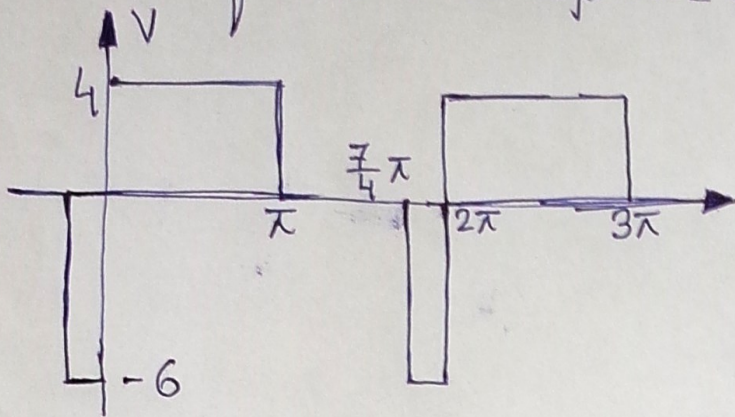


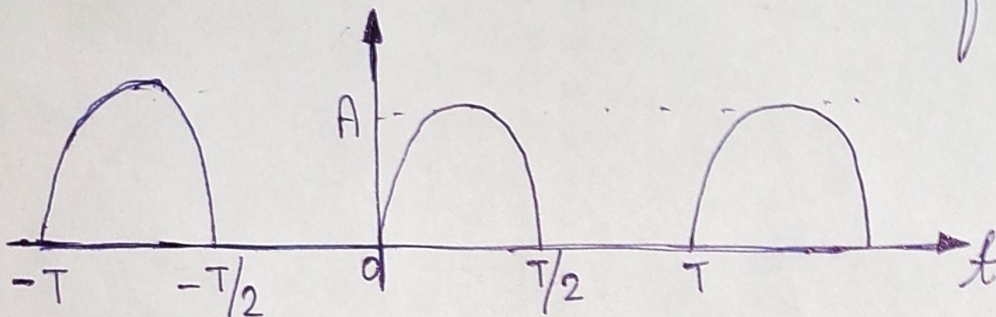
1. Find the amplitude of the 5th harmonic of the given waveform :-



2. Find the 'a' and 'b' coefficients of the Fourier Series of the waveform :-



3. Obtain the Fourier Series for the waveform :-



4. Obtain the Fourier Coefficients for the function given by :-

$$f(t) = (t + \pi) \text{ when } -\pi < t < \pi$$

$$f(x + 2\pi) = f(x)$$