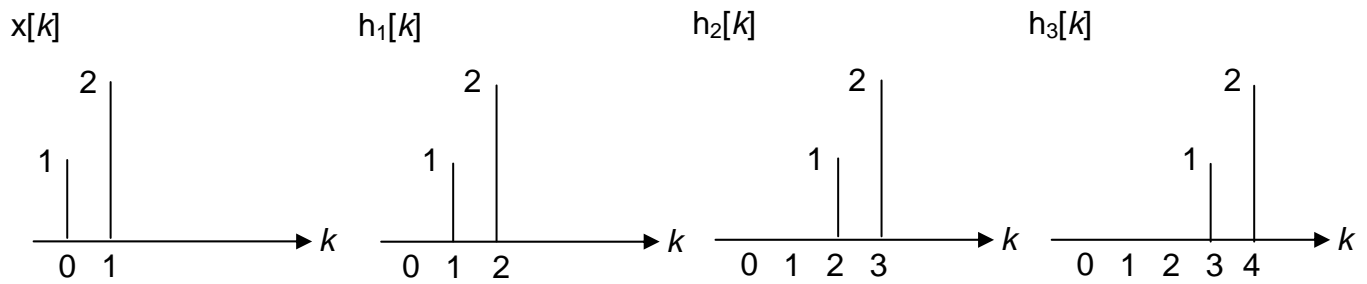
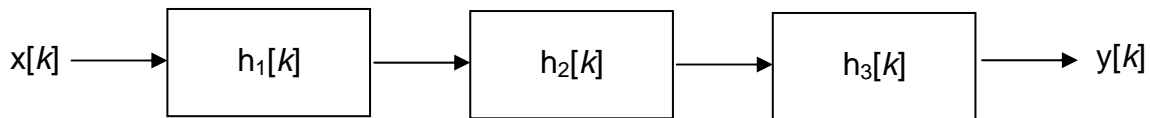


Convolution - Tutorial



Question 1

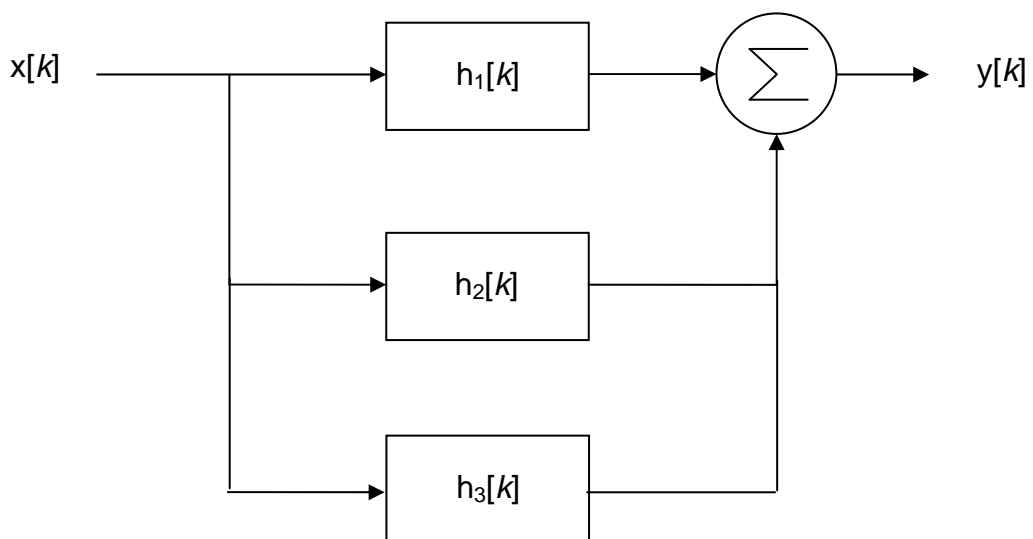
This question is about convolution.



- (i) Determine and plot the overall impulse response $h_{\text{total}}[k]$.
- (ii) Determine and plot the output signal $y[k]$.

Question 2

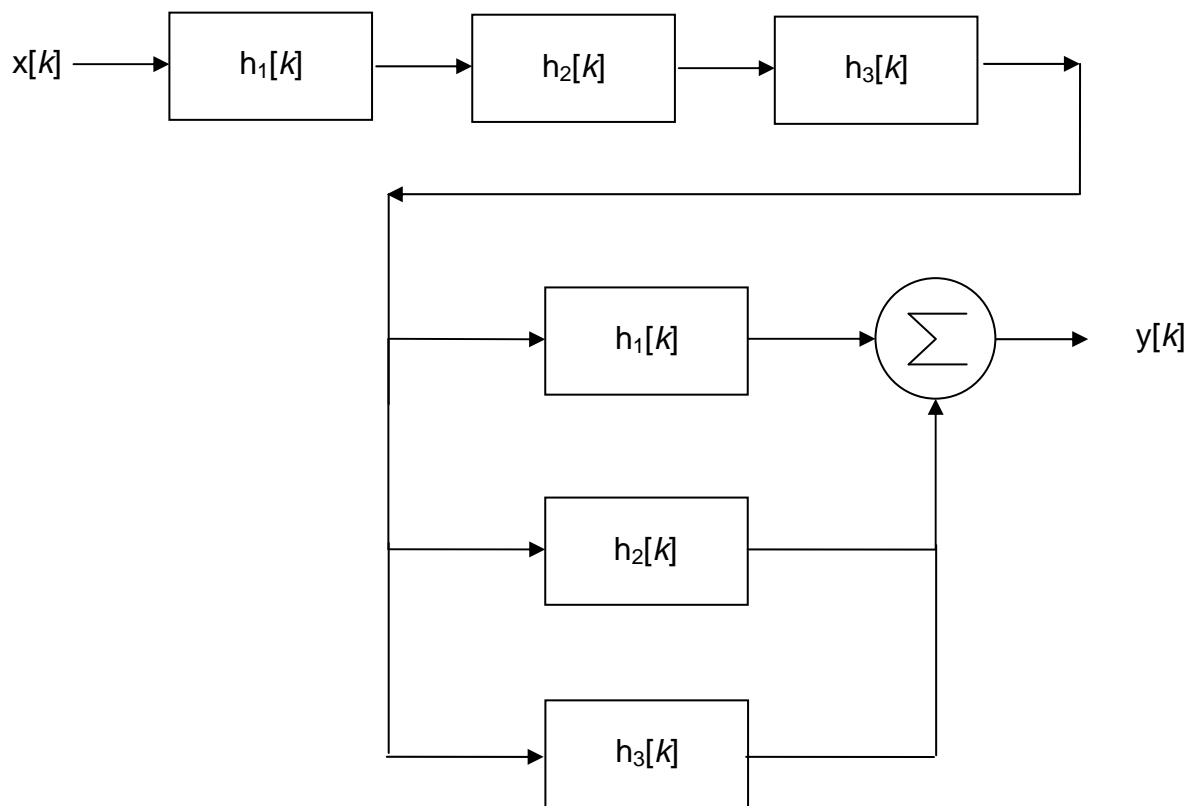
This question is about convolution.



- (i) Determine and plot the total impulse response $h_{\text{total}}[k]$.
- (ii) Determine and plot the output signal $y[k]$.

Question 3

This question is about convolution.



- (i) Determine and plot the total impulse response $h_{\text{total}}[k]$.
- (ii) Determine and plot the output signal $y[k]$.