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 $y[k]$. 