EBU5374 Paper A 2013/14

## **Question 3**

a) This question is concerning convolution integral. Using convolution, calculate and plot the output y(t) for the following input signal and impulse response:

$$x(t) = \begin{cases} 1.5 & -2 \le t \le 3 \\ 0 & \text{otherwise} \end{cases} \quad \text{and} \quad h(t) = \begin{cases} 2 & -1 \le t \le 2 \\ 0 & \text{otherwise.} \end{cases}$$

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