

Q25

Note Title

$$f(t) = \begin{cases} 1 & \text{if } -3 \leq t < 0 \\ 0 & \text{otherwise} \end{cases}$$

9/14/2014

$$g(t) = \begin{cases} e^{\pi t} & \text{if } t < 2 \\ 0 & \text{otherwise} \end{cases}$$

Q: Find  $h(t) = \int_{s=-\infty}^{\infty} f(s)g(t-s)ds$

Ans: