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We con also	convolve this	tiun sgne	
X, CC) **	1 t-1		37
	0 1 1 0 1		
02441		-	
2 < + < 2	1 4 =	9	5
2 (3)	5 1 4 =		3-4
t >3 _ 0	1 3 7 7	b +<0	
1 9(+)		1 1	1 < 2
		Money Company	£ > 3
(+) × (+) × (S (3++4) 2		
Solution :	ve have two	properties	
8	(0+) = (1)	S (+)	60/12
x (+) * 8 (.		3 8 (-	(-4/3)
0 X (+) + 3	8 (1-4/3) =	1 × (1-	4/3)

) The impulse response of continious system given by H(+) = 8(+-1)+8(+-3) The value of step response of The support 4(+) = × (+) * h(+) x(4) 4 1 8 (4-1) + 5 (4-3) J $\times(+)+8(+-1)+\times(+)8(+-3)$ y(4) = | x(4-1) + x (4-3) $\times (4) = u(4)$ then y(4) = u(4-1) + u(4-3)y(2) + u(2-1) + v(2-3)4(1) + 4(-1 ly (2) ± $\times (+) = b(+-3) = 0(+-5)$ $h(4) = e^{-3t}u(4)$ dx(+) = d u(+-3) Ju(1-5) Solution + 8 (4 +5) 8 (4-3) $(8(4-3)+8(4-5))+e^{3t}u(t)$ 4(4) $e^{-34}u(t) * 8(+3) + e^{-3+}u(t) * 8(+5)$ $\begin{array}{c|c}
 & -3(t-3) \\
 & (t-3)
\end{array}$ e3(4-5) (1-5) Q.10) y (+) = 4 (++4) * + (++2) Solution (According) to unit step property u'', bpply shifting proporty / /(+1-1-1-12)) [((+1) 1/2) ((+1)

x(+) = | di(+) h(4) (1)(t-1)) * - (t) h (+) 70(2) 07 u(z, shifting 1((1-1) Tor ;