1)	p
a) h(t) = (=================================	
6b) h(t) s(=)" u(-n)	على وبالداراسة على دنابدار
c) h(+) = n(\frac{1}{p})^n u (n-1)	غيرعلى د ايرار
d) h(t) = 5" u(d-n) 1e) h(t) = e t u(-1-t)	in book nie
$f) h(t) = u(-1-t)$ $f) h(t) = e^{-\epsilon t} u(t-r)$	الماليك المالي
3) h(t) se u(tab)	July clanic
18h) h (+) ste-tu(+)	على وبا برار
i) h(t) se (1-15) t u(t)	على فالم الم

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Y) J[n] - - Y[n-1] + N[n]

3 y [=] = | y [-/] +n[-] = k

y (-1) =0

gli]sfy[]an[i]sfk

n(n)= k8(+)

x(n) = 6(t)

y[n]=(+)n. u(n)

My In Ja- Ty [n-1] + n[n] + Tx[n-1]

y [-1] s 1

J[n]s-11. (-1) -0

y(t)= fn(z) h(t-2)dz= sh(t-2)dz-sc(t-2)dz $\frac{f(t-2)}{g(t)} = \int_{0}^{\infty} e^{r(t-2)} dz$ $\int_{0}^{\infty} e^{r(t-2)} dz - \int_{0}^{\infty} e^{r(t-2)} dz$ 1° - € 「(+-2) d2 1 Fert Fertt-1) ertt-8) 1 /c + e + (+ - 0) re + (+ - 1)7 1 (E(+-0) E)

y(+)== (+a+-+a(+-1)+b+-b(+-1)]-

p (a(+-5)ab) = a++b=n(+)

15) h[n] * h_[n] = 5[n] = 5[n-1] = 5[n-1] h[n] - h, [n] * h, [n] * h, [n] h [0] th [Jsh, [Js] 6 h[n] = h, [n] = rh, [n-1] + h, [n-5] h[i] - h, [i] + [h[o] => h, [i] - x h[T] -h, [] arh[] +h, [] - h, [] - h, [] h[m]=h,[m] arh,[i]+h,[i]+h[c]=r th[E] = h,[E] arh,[e] = h,[F] = h[E] = 1 h[d]=h[d]+rh,[E]+h,[e]=h[a]=o x <0 , 27 d hilasso

is) y(t)= (t-2) n(z-5)dz= (t-2-2')

n(z-5)dz= (t-2-2') h(+)=e-(+-1) u(+-1) 6 m) y (t) e f h(2) n (t-2) dz s f = (2-5) (4 (t-2+1) dz $y(t) = \int_{\Gamma}^{+\infty} e^{-(2-\Gamma)} d2 = 1 - e^{-(1-1)}$ 1+x1 =(2-51) dzse [1-e-c 15+5] 4)3

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9 (n) = A (-1) n = B (-1) n

y(0)51 y(-1)57

A=-1

B=-5

7[n]=-(-1)n-5(-1)n

25-52+150

g[n]=A(1) n+Bn(1) n=A+Bn

15 y [n] = 1-n => A=1 B=-1

323y [n] = A [tr (1+j)] + B [tr (1-j)] n

Bs-j Asis