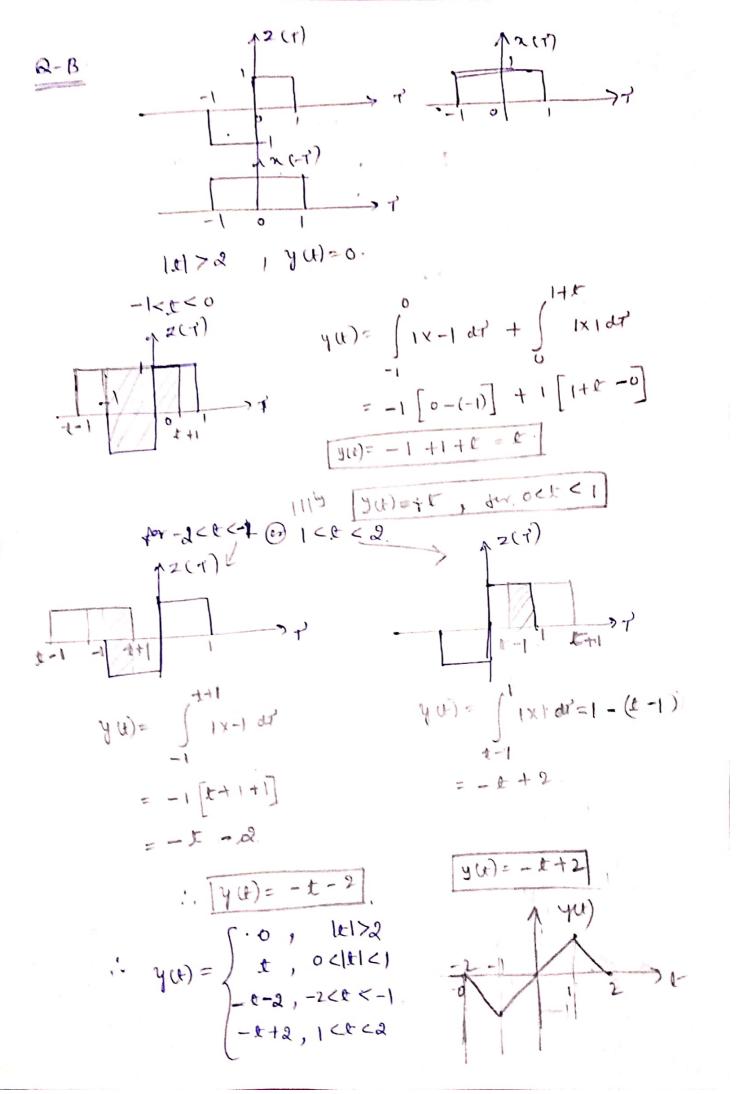
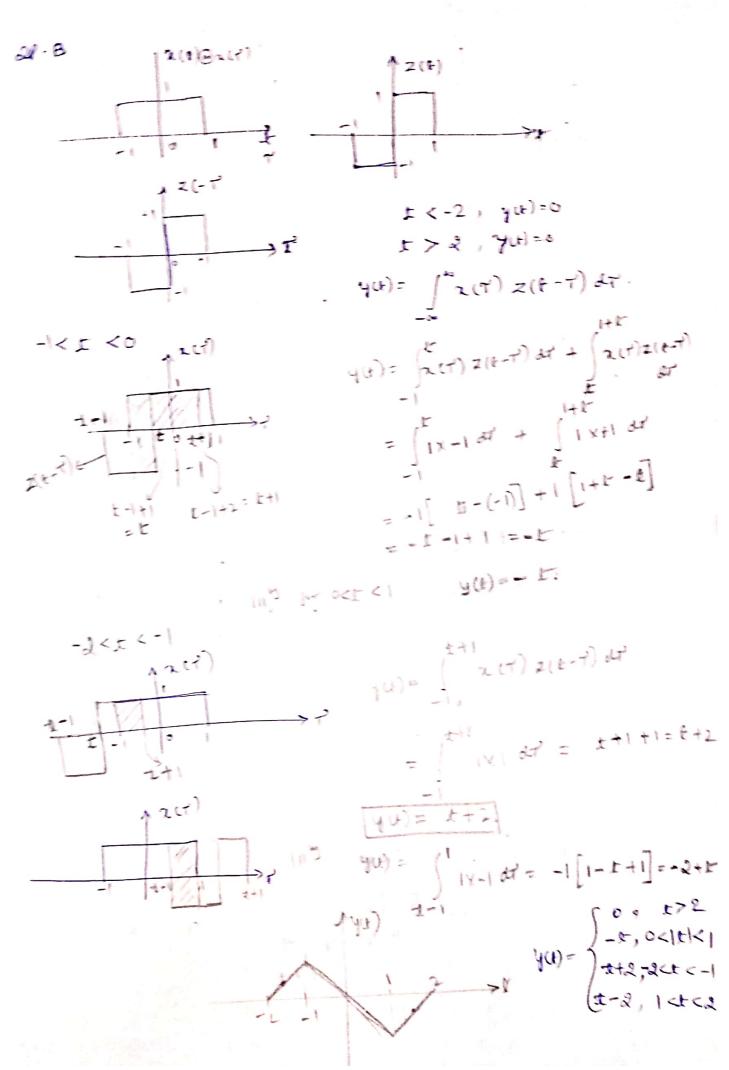
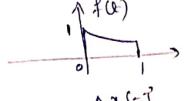
QP Ayer) = 1 2 ct) f(t-t). dt , y (t) = 0  $y(x) = \int_{-1}^{x} Z(\tau) P(x-\tau) d\tau$   $= \int_{-1}^{x} (-1) (e^{-\tau}) d\tau$ -1<\$4.0 · = -est e d'ad =-e\*[e\*-e'] = -e+e = e(e-1) y(x)= (-1) e dt + se dt -e\*[e-e-]+e\*[e-e]  $= -e^{t} \left[ e^{0} - e^{t} - e^{t} + e^{0} \right]$   $= e^{t} \left[ 2e^{0} - e^{t} - e^{t} \right]$   $= 2e^{t} - e^{0} - 1$   $= 2e^{t} - 1.3678$   $\text{Wh} = 2e^{t} - 1.3678$ 1<t <2 yu)= \ 2 (+) & (+-1) or  $e^{-1} = (e^{-1}) = e^{-1} = e^{-1}$   $= \int_{x-1}^{x-1} e^{-1} e^{-1} = e^{-1} = e^{-1}$ 

$$(-1)^{1}$$
  $(-1)^{1}$ 





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$$y(t) = \int_{0}^{1} f(T) x(t-T) dT$$

$$= \int_{0}^{1} e^{T} dT = \frac{e^{T}}{-1} \Big|_{0}^{1} - e^{T} e^{0}$$

$$y(t) = 1 - e^{T} = 0.632$$

$$40^{-1} = \int_{1-1}^{2} e^{-1} dt = \frac{e^{-1}}{e^{-1}} \Big|_{1-1}^{1-1}$$

$$= -e^{-1} + e^{-1} - e^{-1}$$

$$= -e^{-1} + e^{-1}$$

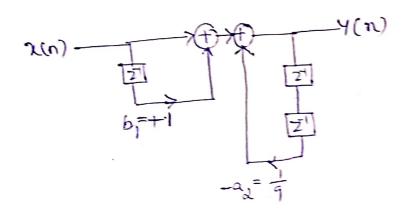
$$= -e^{-1} + e^{-1}$$

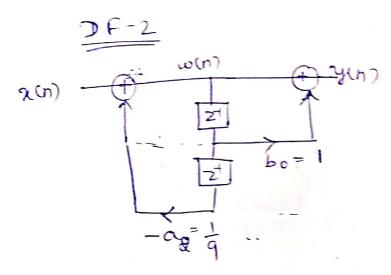
$$= -e^{-1} - e^{-1}$$

$$= -e^{-1} - e^{-1}$$

$$\frac{QP-A}{Y(n)} - \frac{1}{4} Y(n-2) = \chi(n-1)$$

$$Y(2) = \overline{z}^{1} \times (2) + \frac{1}{9} \overline{z}^{2} \times (2)$$





$$QP-b & (are similar with Variations in couplical)$$
 $QP-b & (are similar with Variations in applical)$ 
 $QP-$