Q. Find inverse Laplace Loansforon of: $00 \times (4) = 2^{-1}/x_{1}(s) = 2^{-1}(\frac{1}{s+2})$ Using time integral property, $o^{\circ}_{\circ} \times (t) = e^{-2/3t} u(t) - u(t) + e^{-(2/3)(t-2)} u(t-2) - u(t-2)$ & Find the initial I final coalues of the following boundern: Initial value = Lt SX(s)

SXX S(S+5) = Lt = s= (1+ 5/s) = (1+ 3/s + 3/s) Find value = Lt Initial value = LES X(s) = 2 Final value = 16576 SX(8) = 15 3 (5°+50 +6) 52+35+2 **=** 6

Q. Find Laplace To of :-