$$C(x, t) = A + B en \left(\frac{x}{2\sqrt{Dt}}\right)$$
;

We know Mut:
$$C(0,t) = c_s = A$$
, $c(x,0) = c_i = 0$
alree $C(\infty, t) = C_i = 0 = A + B - A = -B$

$$-: c(x,t) = c_1 ex[\frac{x}{2 \ln t}] = c_1 ex[c(\frac{\pi L}{2 \ln t})]$$

$$-: c(x,t) = c_1 ex[\frac{x}{2 \ln t}] = c_1 ex[c(\frac{\pi L}{2 \ln t})]$$

$$-: c(x,t) = c_1 ex[\frac{x}{2 \ln t}] = c_1 ex[c(\frac{\pi L}{2 \ln t})]$$

$$Q_{ij} = |C(0.20) = |-v_{ij}(0.20) = |-0.2227$$

$$= 0.7773$$

$$\frac{5 \times 10^{16}}{\text{er}[L(6.20)]} = \frac{5 \times 10^{11}}{0.7713} = 6.43 \times 10^{16} \text{ cm}^{-3}$$