$$R_{192.4} = \frac{(10^{-1})^{2}}{0.01} = 10^{-8}$$

$$Q = \frac{10^{-5}}{0.01} = 0.19.$$

$$R_{1}^{2} \stackrel{?}{=} \frac{1}{2} \frac{1}{4} \frac{1}{12} \cdot 2 \frac{1}{16} \frac{1}{16} \cdot || k_{a}^{0} = 10^{-9}$$

$$\frac{[c(H^{+})]^{2}}{c(H^{+})^{2}} = 2 \times 10^{-10} \text{ mod/} L^{2}$$

$$C(H^{+}) = \sqrt{2} \times 10^{-5} \text{ mod/} L$$

$$PH = 5.15$$

$$Q = \frac{\sqrt{2} \times 10^{-5}}{0.01} = 0.14 \text{ mod/} L$$

$$C = 0.1 \text{ mod/} l \text{ mod/} L$$

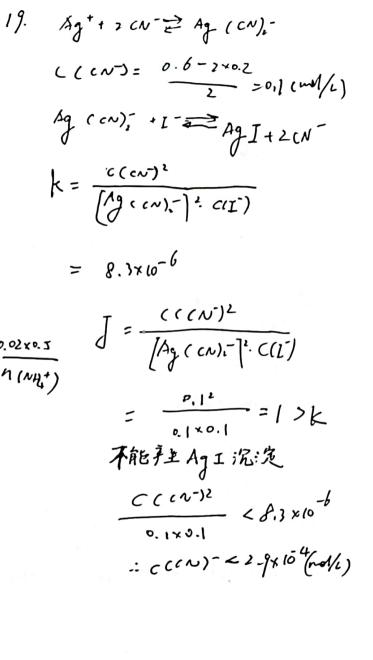
$$C = 0.1 \text{ mod/} l \text{ mod/} L$$

$$C = 0.1 \text{ mod/} l \text{ mod/} L$$

$$C = 0.05 \text{ mod/} L$$

d= 1.1%

12.
$$pH = 9.4$$
 $p = 4.6$
 $C(0H) = 10^{-46} (mod/s)$
 $C($



2 | .
$$c(A_{1}N_{2}) = 0.1 \times \frac{100}{201} = 0.05(mpl/2)$$
 $c(N^{1}3) = \frac{60 \times 0.923 \times 0.183}{17 \times \frac{1}{200 \times 10^{-3}}} = \frac{2.98(mol/2)}{17 \times \frac{1}{200 \times 10^{-3}}} = \frac{2.98 - 2 \times 0.05}{2.98 - 2 \times 0.05} = \frac{2.98 - 2 \times 0.05}{2.98 - 2 \times 0.05} = \frac{2.98 - 2 \times 0.05}{2.05 \times 10^{-3}} = \frac{1}{1.1 \times 1$

$$C(Kcl) = 0.1 \times \frac{20}{100420} = 9.09 \times 10^{-3} (md/c) \qquad J = \frac{C(NH_3)^2}{(Ag/NH_3)^4} : c(Cl) = 0.48 (md/c)$$

$$Ag(NH_3)^{\frac{1}{3}} + Cl \ge Ag(l + 2NH_3) \qquad = 1.62 \times 10^4 > 1/c$$

$$K = \frac{1}{1.1 \times 10^7 \times 1.71 \times 10^{-10}} = 5.1 \times 10^2 \qquad \frac{C(NH_3)^2}{(CNH_3)^4} = 5.1 \times 10^2$$

$$\frac{C(NH_3)^4}{(CNH_3)^4} = 5.1 \times 10^2$$