Complete the following reactions. Circle the most favored products.

1.
$$NH_2$$
 + HCl \rightarrow

$$^{2.}$$
 $^{\circ}$ $^{+}$ NaOH \longrightarrow

3.
$$+ \longrightarrow NH_2$$
 $[-H_2O]$

$$4. \hspace{1cm} \nearrow \hspace{1cm} \hspace{1cm$$

5.
$$\stackrel{\mathsf{O}}{\longrightarrow}$$
 + NaOH \longrightarrow

6.
$$\downarrow$$
 NH₂ + HCI \rightarrow

7.
$$H_2N \longrightarrow A$$

9.
$$+ NH_3 \xrightarrow{[H_2O]}$$

10.
$$H_2/Ni$$

11.
$$\backslash NH_2$$
 + H_2O \Longrightarrow

15. NH + CI
$$\rightarrow$$

$$^{16.}$$
 NH_2 $^{+}$ H_2 O $\stackrel{\longrightarrow}{\longleftrightarrow}$

17.
$$-$$
N $+$ H₂O \Longrightarrow

$$^{18.}$$
 $^{+}$ HCI $^{-}$

19.
$$NH_2$$
 H_2/Ni Δ

20.
$$\frac{H_2/Ni}{\Delta}$$

$$21. \ \, - _{\rm NH_2} \ \ \, + \ \, {\rm H_2O} \quad \, \Longleftrightarrow \quad \,$$

24.
$$N \xrightarrow{H_2/Ni} \Delta$$

Question 1:
$$NH_2 + HCI \rightarrow H_{N-H} CT$$

Question 2: $HN \rightarrow NAOH \rightarrow NAOH \rightarrow NH_2$

Question 3: $H_2 \rightarrow H_2O \rightarrow H_1N \rightarrow H_2O \rightarrow H_$

Question 13:
$$+$$
 NaOH \rightarrow $+$ NH₂

Question 14:
$$\begin{array}{c|c} & & & \\ & & & \\ & & \Delta \end{array}$$
 $\begin{array}{c|c} & & \\ & & \\ & & \\ & & \end{array}$ $\begin{array}{c|c} & & \\ & & \\ & & \\ & & \end{array}$

Question 17:
$$-N$$
 + H_2O \longleftrightarrow $-N^{+}H$ + OH^{-}

Question 18:
$$NH_2$$
 + HCI \rightarrow H_1

Question 19:
$$\begin{array}{c} \nearrow \bigcirc \\ NH_2 \end{array}$$
 $\begin{array}{c} \longrightarrow \\ \Delta \end{array}$ $\begin{array}{c} \nearrow \\ NH_2 \end{array}$ $\begin{array}{c} + \\ H_2O \end{array}$

Question 20:
$$H_2/Ni$$
 Δ NH_2

Question 22:
$$+ NH_3$$
 $- H_2O$ $+ H_2O$

Question 23:
$$+$$
 $-$ Cl \rightarrow

Question 24:
$$N \xrightarrow{H_2/Ni} N \xrightarrow{NH_2}$$