Complete the following reactions. Circle the most favored products.

1.
$$H_2O$$
 H^{+}

2.
$$+$$
 HCI $+$ H₂O \rightarrow

3.
$$+ H_2O$$
 $+ H_2O$

4.
$$+ H_2O$$
 [H+]

5.
$$\underset{NH_2}{\bigvee}^{O} \xrightarrow{H_2/Ni} \xrightarrow{\Delta}$$

6.
$$_{HN}^{\circ}$$
 + HCI + H₂O \longrightarrow

8.
$$\longrightarrow$$
 N $\xrightarrow{\text{H}_2/\text{Ni}}$

9.
$$NH_2$$
 + HCI \longrightarrow

10.
$$\frac{H_2/Ni}{\Delta}$$

11.
$$NH_2 + H_2O \iff$$

12.
$$\uparrow \downarrow 0$$
 + NH₃ $[H_2O]$

$$^{13.}$$
 $^{\rm N}$ $^{\rm +}$ ${\rm H_2O}$ $^{\rm +}$ NaOH \longrightarrow

14.
$$\downarrow$$
 CI + NH₃ \rightarrow

15.
$$^{\rm N}$$
 + ${\rm H_2O}$ + NaOH \longrightarrow

$$16. \hspace{1cm} \begin{array}{c} \\ \\ \\ \\ \end{array} \hspace{1cm} \begin{array}{c} \\ \\ \\ \\ \end{array} \hspace{1cm} \begin{array}{c} \\ \\ \\ \end{array} \hspace{1cm} \begin{array}{c} \\ \\ \\ \\ \end{array} \hspace{1cm} \hspace{1cm} \begin{array}{c} \\ \\ \\ \\ \end{array} \hspace{1cm} \hspace{1cm} \begin{array}{c} \\ \\ \\ \\ \end{array} \hspace{1cm} \hspace{1cm} \begin{array}{c} \\\\ \\ \\ \end{array} \hspace{1cm} \hspace{1cm} \begin{array}{c} \\\\\\\\ \end{array} \hspace{1cm} \hspace{1cm} \hspace{1cm} \begin{array}{c} \\\\\\\\\\\\\\\end{array} \hspace{1cm} \hspace{1$$

17.
$$\downarrow$$
 NH₂ + H₂O \Longrightarrow

19.
$$\longrightarrow$$
 $\mathring{\text{o}}\mathring{\text{Na}}$ + HCI \longrightarrow

21.
$$+ H_2O + NaOH \rightarrow$$

Question 1:
$$\begin{array}{c} & + & H_2O \\ & & \\ \end{array}$$
 $\begin{array}{c} & + & H_2O \\ \end{array}$ $\begin{array}{c} & \\\\ \end{array}$ $\begin{array}{c} & \\\\\\\\\\\\\\\end{array}$ $\begin{array}{c} & \\\\\\\\\\\\\\\\\end{array}$ $\begin{array}{c} & \\\\\\\\\\\\\\\\\\\end{array}$ $\begin{array}{c} & \\\\\\\\\\\\\\\\\\\\\end{array}$ $\begin{array}{c} & \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\end{array}$ $\begin{array}{c} & \\\\\\\\\\\\\\\\\\\\$

Question 3:
$$\longrightarrow$$
 + H_2O \longrightarrow OH + \longrightarrow OH

Question 4:
$$+ H_2O$$
 $-[H^+]$ OH $+ OH$

Question 5:
$$H_2/Ni$$
 Δ H_2O

Question 6:
$$\overset{\circ}{HN}$$
 + HCl + H₂O \longrightarrow $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ + $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ + $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$ $\overset{\circ}{\downarrow}$

Question 7:
$$\downarrow$$
 HCI \rightarrow \downarrow HCI \rightarrow \downarrow H CI

Question 8:
$$\longrightarrow$$
 NH₂/NI

Question 10:
$$H_2/Ni$$
 Δ NH_2

Question 11:
$$\rightarrow$$
 $H_2O \leftrightarrow H_2O \leftrightarrow H_1$ $+$ OH

Question 12:
$$+ NH_3$$
 $\xrightarrow{[-H_2O]}$ $+ H_2O$

Question 13:
$$N + H_2O + NaOH \rightarrow NH_3(aq)$$

Question 14: $N + H_2O + NaOH \rightarrow NH_2 + HCI$

Question 15: $N + H_2O + NaOH \rightarrow NH_2 + HCI$

Question 16: $N + H_2O + HCI + H_2O \rightarrow NH_2 + NH_3(aq)$

Question 17: $NH_2 + H_2O \rightarrow NH_2 + NH_3(aq)$

Question 18: $NH_2 + H_2O \rightarrow NH_2 + NH_3(aq)$

Question 19: $NH_2 + HCI \rightarrow NH_2 + NACI$

Question 20: $NH_2 + HCI \rightarrow NAOH \rightarrow NACI$

Question 21: $NH_2O + NAOH \rightarrow NAOH \rightarrow NACI$

Question 22: $NH_2O + NAOH \rightarrow NAOH \rightarrow$

Question 24:
$$\bigcirc$$
OH + \bigcirc OH \bigcirc H₂OI \bigcirc H₂OI \bigcirc H₂OI \bigcirc

Question 25:
$$+$$
 2 H₂O + HCl \rightarrow $+$ $N^{\dagger}_{H_4Cl}$