Complete the following reactions. Circle the most favored products.

1.
$$+ HCI + H_2O \rightarrow$$

2.
$$+$$
 HCI $+$ H₂O \rightarrow

3.
$$\bigcirc$$
OH + \bigcirc OH \bigcirc [\bigcirc H₂O]

$$4. \text{ HN} \xrightarrow{\text{H}_2/\text{Ni}} \xrightarrow{\text{H}_2/\text{Ni}} \xrightarrow{\text{A}}$$

5. NH
$$+$$
 $-$ CI \rightarrow

6.
$$NH_2$$
 + HCI \rightarrow

9.
$$\bigcirc$$
OH + \bigcirc OH $\boxed{[-H_2O]}$

11.
$$\rightarrow$$
 \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow \rightarrow

12.
$$N \xrightarrow{H_2/Ni} \Delta$$

13.
$$\rightarrow$$
 \rightarrow \rightarrow \rightarrow \rightarrow

14.
$$\longrightarrow$$
 + H_2O [H+]

15.
$$\xrightarrow{\text{NH}} \xrightarrow{\text{H}_2/\text{Ni}} \xrightarrow{\Delta}$$

16.
$$-\sqrt{\frac{H_2/Ni}{\Delta}}$$

19.
$$\stackrel{\circ}{\underset{\rm HN}{\downarrow}}$$
 + HCI + H₂O \longrightarrow

Question 3:
$$+ H_2O$$

Question 4:
$$/ H_2O$$

Question 6:
$$\begin{array}{c} H \\ -N^+ H \end{array}$$
 Cl

Question 8:
$$\bigvee_{OH}^{O}$$

Question 9:
$$+ H_2O$$

Question 10:
$$\bigcirc$$
OH + \bigcirc ONa

Question 11:
$$\begin{array}{c} \begin{array}{c} H \\ -N-H \end{array} + OH^{-1}$$

Question 12:
NH_2

Question 13:
$$+ \text{HCI} + \text{SO}_2$$

Question 16:
$$-\sqrt{+ H_2O}$$

Question 18:
$$\stackrel{\circ}{\bigvee}$$
 $\stackrel{\circ}{\mathsf{ONa}}$ $+$ $\underset{\mathsf{NH}_2}{\bigvee}$

Question 19:
$$\begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \end{array}$$
 $+ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \end{array}$ $+ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \end{array}$

Question 20:
$$+ H_2O$$