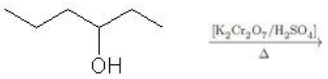
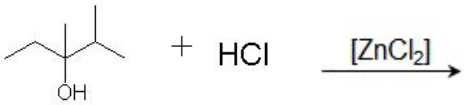
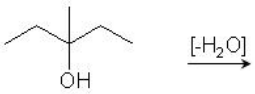
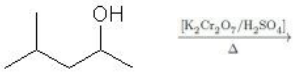
Complete the following reactions. Circle the most favored products.

1. 

2. 

3. 

4. 

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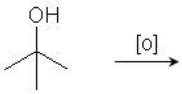
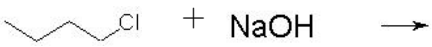
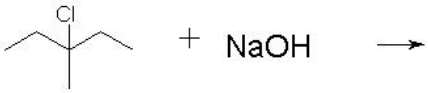
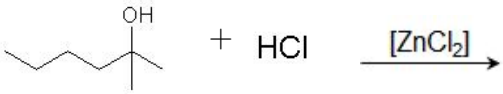
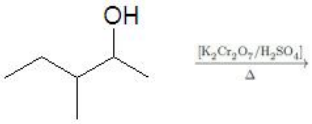
6. 

7. 

8. 

9. 

10. 

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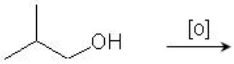
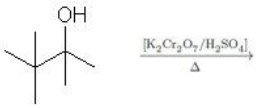
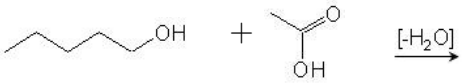
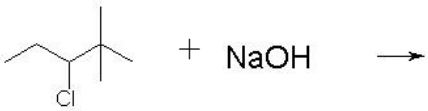
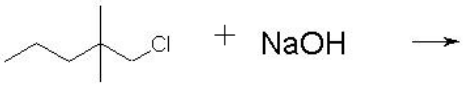
12. 

13. 

14. 

15. 

16. 

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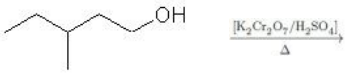
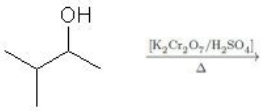
18. 

19. 

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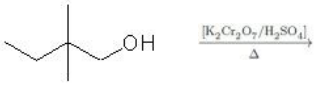
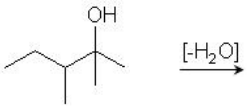
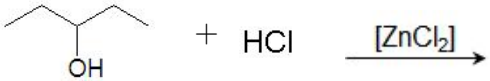
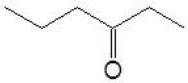
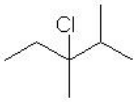
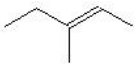
21. 

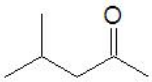
22. 

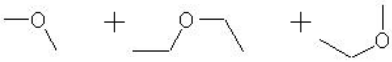
23. 

Question 1:  + H_2O Visible Change: orange-red $\longrightarrow$ green-blue

Question 2:  + H_2O Rate: **Fast**

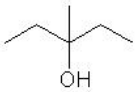
Question 3:  + H_2O

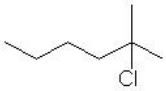
Question 4:  + H_2O Visible Change: orange-red $\longrightarrow$ green-blue

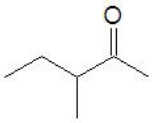
Question 5:  + H_2O

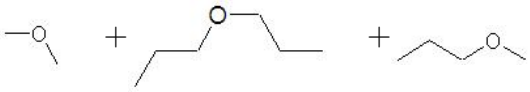
Question 6: No Reaction

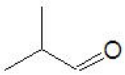
Question 7: + NaCl

Question 8:  + NaCl

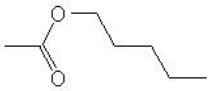
Question 9:  + H_2O Rate: **Fast**

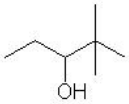
Question 10:  + H_2O Visible Change: orange-red $\longrightarrow$ green-blue

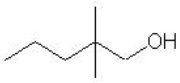
Question 11:  + H_2O

Question 12:  + H_2O

Question 13: No Reaction

Question 14:  + H_2O

Question 15:  + NaCl

Question 16: 

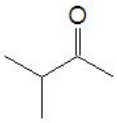
+ NaCl

Question 17:

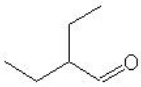
+ H_2O

Question 18:

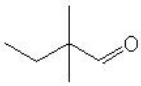
+ H_2O Visible Change: orange-red $\longrightarrow$ green-blue

Question 19: 

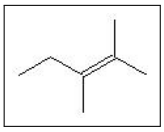
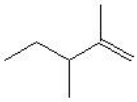
+ H_2O Visible Change: orange-red $\longrightarrow$ green-blue

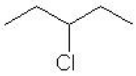
Question 20: 

+ H_2O Visible Change: orange-red $\longrightarrow$ green-blue

Question 21: 

+ H_2O Visible Change: orange-red $\longrightarrow$ green-blue

Question 22: 
+ 
+ H_2O

Question 23: 

+ H_2O Rate: Slow