

Key

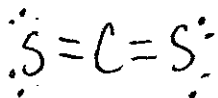
CHEMISTRY 11

BONDING (LEWIS DIAGRAMS)

Draw Lewis diagrams for each of the following compounds

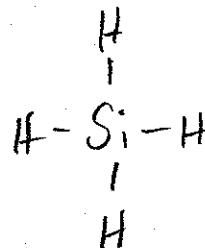
SCS

h 16  
n 24  
s 8  
b 4  
nb 8



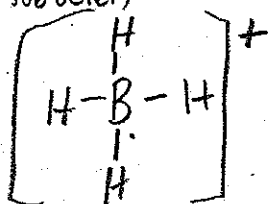
SiH<sub>4</sub>

h 8  
n 16  
s 8  
b 4  
nb 0



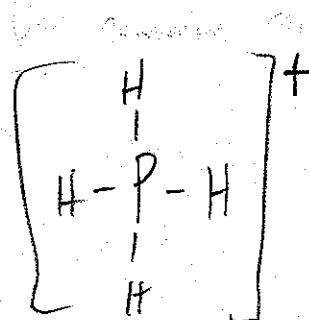
BH<sub>4</sub><sup>+</sup>

h 6  
n 14 (B is sub octet)  
s 8  
b 4  
nb 0



PH<sub>4</sub><sup>+</sup>

h 8  
n 16  
s 8  
b 4  
nb 0



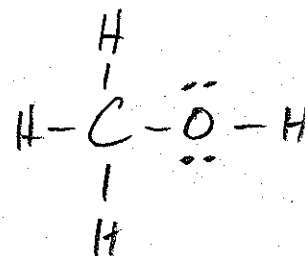
HCN

h 10  
n 18  
s 8  
b 4  
nb 2



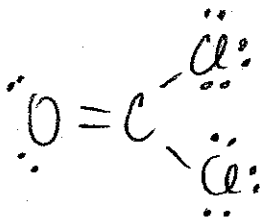
H<sub>3</sub>COH

h 14  
n 24  
s 10  
b 5  
nb 4



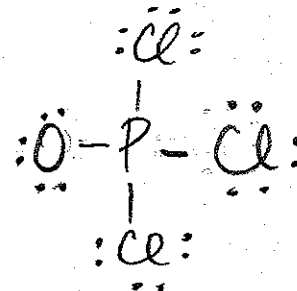
OCCL<sub>2</sub>

h 24  
n 32  
s 8  
b 4  
nb 16



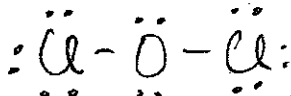
OPCl<sub>3</sub>

h 32  
n 40  
s 8  
b 4  
nb 24



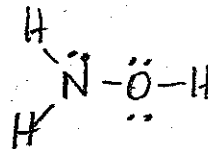
ClOCI

h 20  
n 24  
s 4  
b 2  
nb 16



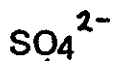
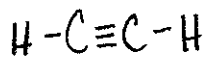
H<sub>2</sub>NOH

h 14  
n 22  
s 8  
b 4  
nb 6

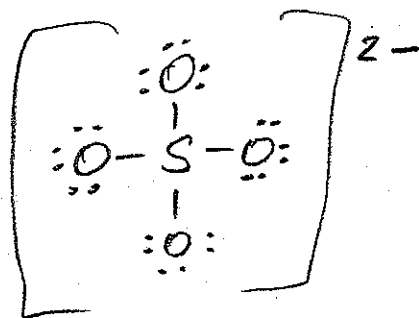




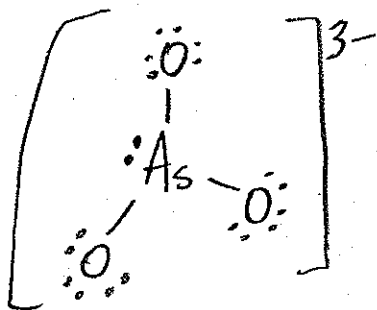
h 10  
n 20  
s 10  
b 5  
nb 0



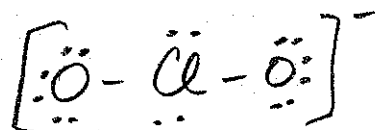
h 32  
n 40  
s 8  
b 4  
nb 24



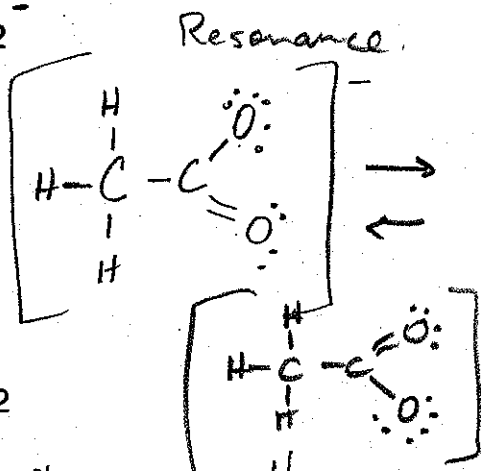
h 26  
n 32  
s 6  
b 3  
nb 20



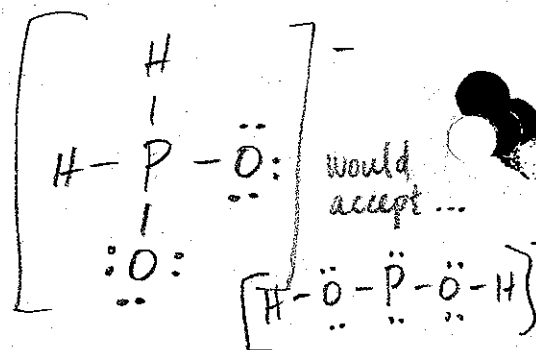
h 20  
n 24  
s 4  
b 2  
nb 16



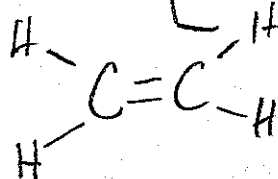
h 24  
n 38  
s 14  
b 7  
nb 10



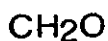
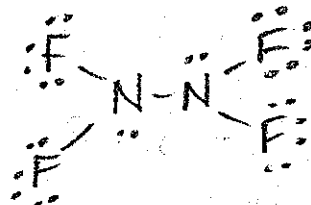
h 20  
n 28  
s 8  
b 3  
nb 12



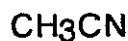
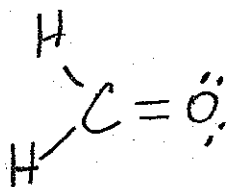
h 12  
n 24  
s 12  
b 6  
nb 0



h 38  
n 48  
s 10  
b 5  
nb 28



h 12  
n 20  
s 8  
b 4  
nb 4



h 16  
n 30  
s 14  
b 7  
nb 2

