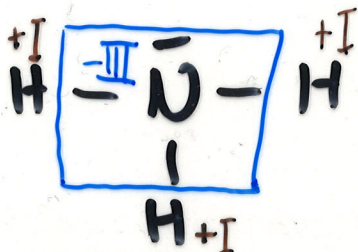


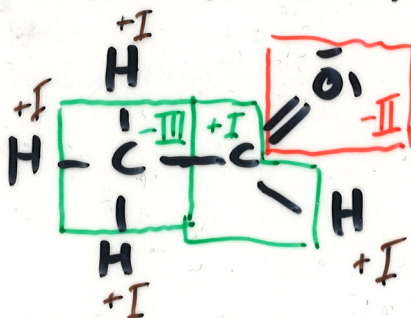
Oxidation states

Task: determine the oxidation states of all atoms of the following substances

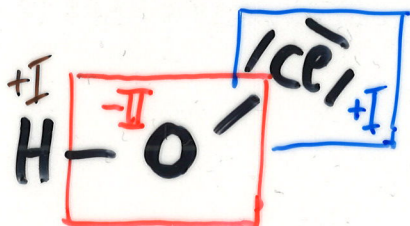
a.) NH_3 (ammonia)



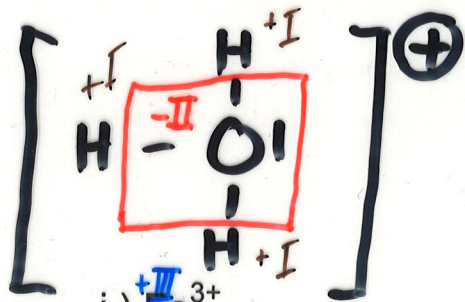
c.) CH_3CHO (acetaldehyd)



e.) HClO (hypochlorous acid)

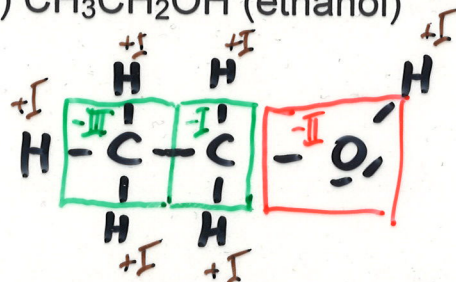


g.) H_3O^+ (oxonium)

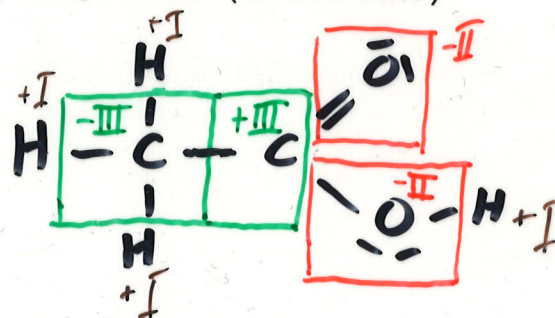


i.) Fe^{3+}

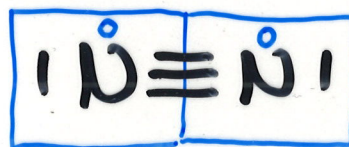
b.) $\text{CH}_3\text{CH}_2\text{OH}$ (ethanol)



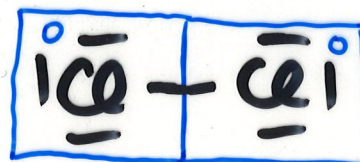
d.) CH_3COOH (acetic acid)



f.) N_2 (nitrogen)



h.) Cl_2 (chlorine)



j.) Al_2O_3 (aluminium oxide)