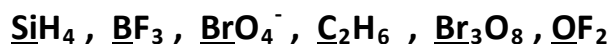
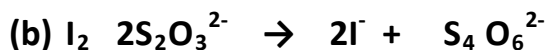
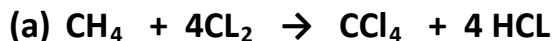


ASSIGNMENT CLASS – XI L- 8 REDOX REACTION

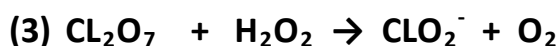
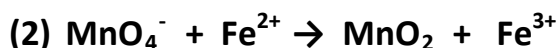
1 Determine the oxidation number of element underlined the following:



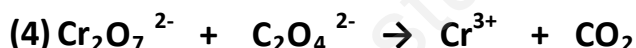
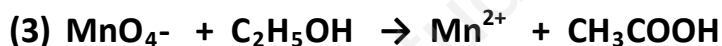
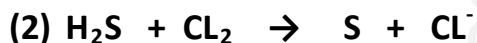
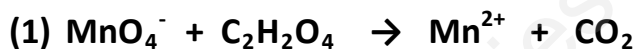
2 Identify the oxidants and reductants in the given reaction :



3 Balance the following equations in basic medium by ion –electron method :



4 Balance the following equations in acidic medium by both method:



5 What is the most essential conditions that must be satisfied in redox reaction?

6 Arrange the molecules NH₃ , NO₂ , HN₃, NO₂⁻ , and N₂H₄ in deacreasing order of the oxidation state of nitrogen.

7 Explain the types of reactions with examples.

8 Define disproportionation reaction with two examples.

9 How would you know wheather a redox reaction is taking place in an acidic or alkaline medium?

10 What is the oxidation state of oxygen in water, hydrogenperoxide, oxygen gas and in oxyfluorides.

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