

**ATOMIC ENERGY CENTRAL SCHOOL-  
KUDANKULAM**

**Worksheet –Module-4/4**

**Subject-Chemistry**

**Class-X**

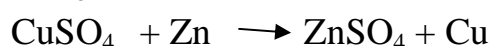
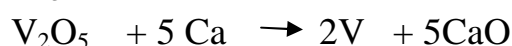
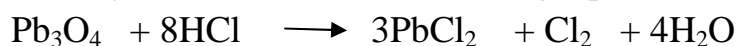
**Lesson No.- Chapter 1- Chemical Reactions and Equations**

**Name of the topic – Redox Reaction**

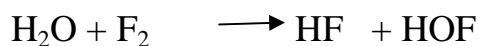
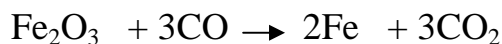
**Total Marks =8x3=24**

1. Basic principle of corrosion of rusting is redox reaction. Explain the statement by giving equation.

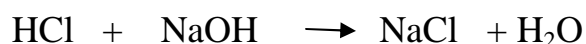
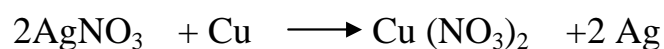
2. Identify the oxidant in the following equations



3. Identify the reducing agent in the following reactions-



4. Identify the substance undergoing oxidation and reduction in the following equations-



5. Why double displacement reactions are not considered as redox reactions? Explain with one example

6. What is the difference between oxidation half reaction and reduction half reaction?

7. During electrolysis which type of reaction takes place at cathode and anode respectively?

8. Write the cathode and anode reactions when electrolysis of molten NaCl takes place.

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