

**Q.1 What is rust chemically speaking?**

**Q.2 Name the chemical compounds formed when Copper and Silver undergo corrosion.**

**Q.3 Name the two substances which on undergoing oxidation result in 'Rancidity'.**

**Q.4 Rohit celebrated his b'day in the school by giving a generous treat to his friends during break. Shobhit overate and started feeling discomfort in his stomach.**

**Rohit acted promptly & took him to MI room. The medical attendant offered him 'milk of magnesia'. After a shortwhile, Shobhit felt a lot of relief.**

**Based on the above information, answer the following questions---**

- a) What do you think was the cause of Shobhit's discomfort?**
- b) Give reason—Shobhit felt relief after having 'milk of magnesia'.**
- c) What values were demonstrated by Rohit?**

**Q.5 Name the products of reaction between a metal and an acid.**

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**Q.6 What happens when a few pieces of granulated zinc is warmed with a small quantity of NaOH solution ?**

**Write only the applicable chemical equation.**

**Q.7 Name the end products of reaction between metal bicarbonates and dilute acid.**

**Q.8 Write the fundamental word equation applicable for reaction of metal oxides with bases.**

**Q.9 What happens when CO<sub>2</sub> gas is allowed to react with lime water?**

**Write only the applicable chemical equation.**

**Q.10 What causes the milkiness of lime water to disappear?**

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