



Silent Bells



ഫസ്റ്റ്ബെൽ - അനുബന്ധ പഠനസഹായകസാമഗ്രി

STD: 10

Subject: Chemistry

Worksheet: Online class 14

Date: 07-08-2020

Chapter: Reactivity series and Electrochemistry



SCAN THE QR CODE

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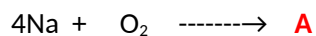


1.



(a) Compare the freshly cut surface and the other side of the sodium metal and record your observation. Write down its reason.

(b) Complete the following chemical equation for the reaction of sodium metal with atmospheric air.

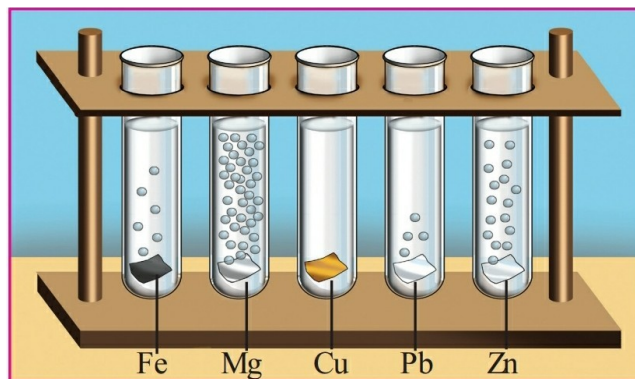


2. A fresh Magnesium ribbon loses its lustre when kept exposed in the air for some days. Aluminium vessels lose their lustre over months and copper vessels lose their lustre over years. But the shining of gold doesn't fade even after a long time.

(a) What you learned about the rate of reaction of metals with air?

(b) List the above metals in the decreasing order of their reactivity with air.

3. The way in which metals like Fe, Mg, Cu, Pb, Zn engage in chemical reaction with dilute HCl are given below.



(a) By observing the bubbles formed in the test tube, arrange these metals in the decreasing order of their reactivity.

(b) Identify the gas formed in this reaction.