

### **Hots (Higher Order Thinking Skills)**

**Q.1. Why does visibility increase after rain?**

**Ans.** Rain dissolves all the dust particles in atmosphere and brings them down to earth, thus increasing visibility.

**Q.2. Raghav is given a glass bottle with some white substances in it that is either chalk or sugar. How can he find out which of the two is sugar or chalk, without tasting it?**

**Ans.** This can be done by dissolving both of them in water. Sugar is soluble in water but chalk is not.