

1. Assertion : Iron nails sink in water.

Reason : Iron nails are more dense than water.

2. Assertion : Materials can be sorted on the basis of solubility in water.

Reason : Lemon juice is soluble in water.

3. Assertion : On the basis of transparency, materials can be grouped as transparent, translucent and opaque.

Reason : Oiled paper is translucent.

4. Assertion : Wax floats on water.

Reason : Wax is denser than water.

5. Assertion : Handles of utensils should be made up of metals like copper, steel or iron.

Reason : Metals are good conductors of heat.