

5 Give two examples of each of the following.

7 a Hard materials → wood, metals

b Gases soluble in water → oxygen,
Carbon di-oxide.

c Gases insoluble in water → Nitrogen,
Methane.

d opaque materials → bat, book.

e Non-lustrous materials → wood, jute.

f Translucent materials → Butter paper,
frosted glass.

g Materials that are denser than
water → Stone, Coin

h Miscible liquids → vinegar, lemon
juice.

i Immiscible liquids → petrol, mustard oil.

6 Give reason:- Materials float or sink in water.

⇒ Materials float on water depending on how much heavy an object is in relation to its size.

If a material is denser than water, it will sink and floats if it is less dense than water.

7 Define Solubility or Soluble Substances.

⇒ Substances that are completely dissolve in the given liquid (solvent) are called Soluble substances.

The property dissolving the substances in water is called Solubility.

8 Differentiate a rough material and a smooth material.

⇒ Rough Materials:- Certain materials that have bumps or ridges on their surfaces which can be felt by touching them. Such type of materials are said to be rough materials. Ex- Rocks, bark of trees etc.

* Smooth Materials:

Materials which do not have bumps or ridges on their surfaces are called smooth materials.

Ex - petals of flowers, sponge etc.

N.C.E.R.T. Qn-Aus

1. Table, chair, boat, bed, bench

2. Glass Bowl, Steel Spoon.

3. Book - paper

Tumbler - glass

Chair - wood

Toy - plastics

Shoes - Leather

4. i → false

v → false

ii → false

vi → false

iii → false

vii → True

iv → True

viii → True.

5. a Round Shaped → Basket ball, Globe, Earthen pitcher, orange

b Other Shapes → Water, Sugar, Apple,

c Edibles → Water, orange, Sugar, apple.

d Non-edibles → Basket ball, Globe, Earthen pitcher

6 Wood, plastic, thermocol, oil, dry leaves, wax float on water.

[No, always it is not possible the object which float on water will also float on oil. Because the density of oil is less than the density of water. So, the objects may sink ~~on~~ in oil which may float on water].

7 a Baby, b Boat, c Sand, d Sand.
