

## Chapter-2

### Worksheet-2

**Q1.**

Match the Column I with Column II

Column I	Column II
(a) Chalk powder	(i) Soluble in Water
(b) Soil	(ii) Insoluble in water
(c) Honey	
(d) Copper sulphate crystals	
(e) Glucose	
(f) Mustard oil	
(g) Sawdust	
(h) Wheat flour	

**Q2. Fill in the blanks**

(a) Materials that do not allow light to pass through them are called \_\_\_\_\_.

(b) Metals have a shiny appearance called \_\_\_\_\_.

(c) Materials which can be pressed easily are called \_\_\_\_\_ materials.

(d) Copper and gold are \_\_\_\_\_

(e) Dried leaves fallen on the surface of a pond \_\_\_\_\_ in the pond

(f) \_\_\_\_\_ and \_\_\_\_\_ dissolves in water

**Q3. State whether the statements given below are True or False.**

(i) Wood is opaque, while glass is transparent .

(ii) Materials are grouped for convenience ,study their properties and their uses

(iii) Hydrogen dissolves in water.

(iv) A piece of wood floats on water.

(v) All gases dissolve in water.

Q4. Which of the following materials is not lustrous?

- (a) Gold
- (b) Silver
- (c) Wood
- (d) Diamond

Q5. Which of the following is a soft material?

- (a) Iron
- (b) Sponge
- (c) Plastic
- (d) None of these

Q6. Select odd one out?

- (a) Aluminium
- (b) Iron
- (c) Silver
- (d) Sand

Q7. Which of the following does not float on water?

- (a) Feather
- (b) Paper
- (c) Coconut oil
- (d) Stone

Q8. Aluminium metal is a

- (a) poor conductor
- (b) non-magnetic material
- (c) magnetic material
- (d) soluble in water

Q9. Glass is

- (a) Opaque
- (b) Translucent
- (c) Transparent
- (d) none of these

Q10. Which ones are correct

- (a) A stone is hard. It therefore sinks in water.
- (b) Sponge is soft. It can be compressed easily.
- (c) Water is transparent. Things can be clearly seen through it.
- (d) All are correct.

Q11. Name the two main groups into which all the objects around us can be classified.

Q12. Why is mercury used in making thermometers?

Q13. What are materials? Classify it.

Q14. Describe a method to prove that water is a transparent material.

Q15. Write an experiment to show that our palm is translucent

Q16. Discuss important properties of matter on the basis of which we can classify them.

Q17. Discuss the solubility of gases in water. What is the importance of oxygen gas dissolved in water? How is the carbon dioxide gas dissolved in water helpful to the aquatic plants?

Q18. Compare the properties of solid, liquid and gas.

Q19. Why some metals like iron or copper lose their lustre on exposure to air?

Q20. Do surface area play any role in sinking or floating of substances?