

Class Notes

Class: VI

Chapter 4 :Worksheet
Sorting Materials into Groups

Subject: Science

Instruction: To be written in **science activity notebook** after discussion during class.

Multiple choice questions

1. Metals have shiny appearance called:

- a) Smoothness
- b) Lustre
- c) Conduction
- d) Transparency

2. Substance which completely disappears in water is called as:

- a) Soluble
- b) Insoluble
- c) Transparent
- e) Opaque

3. Which of the following will sink in water:

- a) A dry leaf
- b) A bird feather
- c) A plastic scale
- d) A metal key

4. The liquid which is soluble in water is:

- a) Kerosene
- b) Coconut oil
- c) Mustard oil
- d) Lemon juice

5. Identify the translucent material.

- a) Glass
- b) Frosted glass
- c) Water
- d) Air

6. An iron nail is kept in each of the following liquids. In which case would it lose its shine and appear dull?

- a) Mustard oil
- b) Soft drink(coca cola)
- c) Coconut oil
- d) Kerosene

7. Pick one material from the following which is completely soluble in water?

- a) Chalk powder
- b) Tea leaves

- c) Glucose
- d) Saw dust

8. Boojho found a bag containing the following materials:

- i) Mirror
- ii) Paper stained with oil
- iii) Magnet
- iv) Glass spectacles

Help Boojho in finding the materials which is/are opaque

- a) Only (i)
- b) Only (iv)
- c) (i) and (iii)
- d) (ii) and (iv)

9. While doing an activity in class, the teacher asked Paheli to handover a translucent material. Which among the following materials will Paheli pick and give to her teacher?

- a) Glass tumbler
- b) Mirror
- c) Muslin cloth
- d) Aluminum foil

10. Which of the following statements is not true:

- a) Materials are grouped for convenience.
- b) Materials are grouped to study their properties.
- c) Materials are grouped for fun.
- d) Materials are grouped according to their use.

11. You are provided with following materials

- i) Magnifying glass
- ii) Mirror
- iii) Stainless steel
- iv) Glass tumbler

Which of the following materials will you identify as transparent

- a) (i) and (ii)
- b) (i) and (iii)
- c) (i) and (iv)
- d) (iii) and (iv)

12. Which pair of substances among the following would float in a tumbler half-filled with water?

- a) Cotton
- b) Feather
- c) Pin, oil drops
- d) Rubber band, coin

Q13. On a bright sunny day, Shikha was playing hide and seek with her brother. She hid herself behind the glass door. Do you think her brother will be able to locate her? If yes, why? If no, why?



Q14. Match the objects given in the Column I with the materials given in Column II.

Column I		Column II	
a)	Surgical instruments	i)	Plastic
b)	Newspaper	ii)	Animal product
c)	Electrical switches	iii)	Steel
d)	Wool	iv)	Plant product

Q15. Fill in the blanks:

- Metals which cannot be pressed easily are called _____ materials.
- Materials which can be pressed easily are called _____ materials.
- A stone is hard and so it _____ in water.
- Sponge can be compressed easily because it is _____.
- Materials through which objects can be seen, but not clearly, are known as _____.

Q16. UNSCRAMBLE THE FOLLOWING.



1. Tcenlstrnau
2. Esubolsnil
3. Treslu
4. Tnetnarrpsa
5. Eouaqp

Q16. List the similarities between iron, copper and aluminum?

Prepared By : SSD