

Class: VI
Subject: Chemistry
Topic: Sorting Of Substances
No. of Questions: 20
Duration: 60 Min
Maximum Marks: 60

1. Materials that cannot be compressed easily are called _____ materials.

- a. Soft
- b. Rough
- c. Scaly
- d. Hard

Answer: - d. Hard

A *material* is also considered *hard* if it resists plastic deformation

2. Chocolates, biscuits and other items are displayed in a shop in see-through containers that are made of glass or plastic. This explains the property of ___ of glass and plastic.

- a. Hardness
- b. Opaqueness
- c. Softness
- d. transparency

Answer: - d. transparency

3. An oiled paper acts as a ___ material.

- a. Transparent
- b. Translucent
- c. Lustrous
- d. opaque

Answer: - b. Translucent

4. Which of the following is transparent?

- a. Milk
- b. Iron
- c. Glass
- d. Wood

Answer: - c. Glass

5. You have made four cups of instant coffee. One has one teaspoon of coffee, the second has two, the third has three, and last four teaspoons of coffee. Which is the most saturated?

- The first cup with one teaspoon of coffee.
- The second cup with two teaspoons of coffee.
- The third cup with three teaspoons of coffee.
- The fourth cup with four teaspoons of coffee.

Answer: - d. The fourth cup with four teaspoons of coffee.

6. Take two samples, one of oil and the other of water. Mix the two. You observe that

- They are soluble
- Oil floats on water
- Water floats on oil
- None of the above

Answer: - b. Oil floats on water

7. Take a glass of water. Add two spoons of sugar. Stir it. You observe that

- Sugar does not dissolve in water
- Sugar dissolves in water
- Sugar floats on water
- Sugar sinks and stays below.

Answer: - b. Sugar dissolves in water

8. Water plays an important role in the functioning of our body because it _____

- Dissolves a large number of substances
- Is hard
- Is transparent
- None of the above.

Answer: - a. Dissolves a large number of substances

9. We group things together because _____

- Dividing materials in groups makes it convenient to study their properties and observe patterns in these properties.
- We can throw away similar materials
- We can keep similar materials in our rack at one place
- We can keep similar materials on the palm

Answer: - a. Dividing materials in groups makes it convenient to study their properties and observe patterns in these properties

10. The materials, through which objects can be seen, but not clearly, are known as ____.

- a. Transparent
- b. Translucent
- c. Opaque
- d. Soluble

Answer: - b. Translucent

11. Which of the following is soluble in water?

- a. Sand
- b. Oil
- c. Glycerine
- d. Iron filing

Answer: - (c) Glycerine

12. Which of the following is insoluble in water?

- a. Chalk
- b. Washing soda
- c. Lemon juice
- d. Sugar

Answer: - (a) Chalk

13. Which of the following is a soft material?

- a. Iron
- b. Glass
- c. Diamond
- d. Chalk

Answer: - (d) Chalk

14. Which of the following is a hard material?

- a. Chalk
- b. Wool
- c. Cotton
- d. Diamond

Answer: - (d) Diamond

15. Which of the following can float on water?

- a. Iron pin
- b. Wood
- c. Steel
- d. Coin

Answer: - (b) Wood

16. Which of the following materials would sink in water?

- a. Steel spoon
- b. Piece of wood
- c. Pencil
- d. Toothbrush

Answer: - (a) Steel spoon

17. Which among the following materials are not lustrous

- a. Diamond
- b. Gold
- c. Wood
- d. Silver

Answer: - c. Wood

18. Select odd from the following

- a. Tawa
- b. Eraser
- c. Spade
- d. Pressure cooker

Answer: - b. Eraser

19. Choose the opaque materials from the following

- a. Clear water
- b. Thin sheet of plastic
- c. Wooden door
- d. Glass container.

Answer: - c. Wooden door

20. Which pair of substance float in water

- a. Pin, oil drops
- b. Coin, rubber band
- c. Plastic ball, feather
- d. Thermocol, Cotton thread.

Answer: - d. Thermocol, Cotton thread.

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