

CLASS VI – SCIENCE – CHAPTER 04
SORTING MATERIALS INTO GROUPS

Name:

Date:

- Q1.** The state of matter which has a definite volume but no definite shape
(a). Solid (b). Liquid (c). Gas (d). Mixture
- Q2.** Classification is grouping of
(a). Thing as living and non-living (b). All things living or non-living on the basis of their properties.
(c). Living things only (d). Non-living things only
- Q3.** Perfume is a substance which is
(a). Volatile (b). Non-volatile (c). Malleable (d). Sublime
- Q4.** If a substance can be beaten into thin sheet, it is called
(a). Ductile (b). Malleable (c). Brittle (d). Good conductor
- Q5.** In which solution, iron nail lose its shine and appear dull?
(a). Kerosene (b). Soft drink (c). Mustard (d). Coconut oil
- Q6.** Select the translucent materials from the following?
(a). Glass tumbler (b). Mirror (c). Aluminium foil (d). Muslin cloth
- Q7.** Which among the following pair is commonly used for making safety pin?
(a). Wood and glass (b). Plastic and glass (c). Leather and plastic (d). Steel and plastic
- Q8.** Which type of material is used to make wind screen of a car?
(a). Transparent (b). Translucent (c). Opaque (d). All of these.
- Q9.** Which among the following materials are not lustrous
(a). Diamond (b). Gold (c). Wood (d). Silver
- Q10.** Select odd from the following
(a). Tawa (b). Eraser (c). Spade (d). Pressure cooker
- Q11.** Choose the opaque materials form the following
(a). Clear water (b). Wooden door (c). Glass container (d). Thin sheet of plastic.
- Q12.** Which pair of substance float in water
(a). Pin, oil drops (b). Coin, rubber band (c). Plastic ball, feather (d). Thermocol, Cotton thread.

Q01. Match the following columns

A. Column A

- (a). Sugar
- (b). Ghee
- (c). Diamond
- (d). Hydrogen sulphide
- (e). Sponge

Column B

- i. Soft
- ii. Hard
- iii. Rotting egg smell
- iv. Soluble
- v. Combustible liquid.

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B. Column A

- (a). Note-book
- (b). Table
- (c). Shoes
- (d). Toy
- e. Tumbler

Column B

- i. Glass
- ii. Leather
- iii. Plastics
- iv. Paper
- v. Wood

C. Column A

- (a). Solid
- (b). Liquid
- (c). Gas
- (d). Element
- (e). Compound

Column B

- i. Copper
- ii. Air
- iii. Copper sulphate
- iv. Brick
- v. Water

Q02. Fill in the blanks

- (a). All metals are ----- of heat and electricity.
- (b). Gold is -----.
- (c). Petrol is -----in water.
- (d). Copper is ----- magnetic material.
- (e). Chalk does not ----- in water.
- (f). Making orderly arrangement of materials is called -----.
- (g). Newspaper, a book, a copy, a diary are made up of -----.
- (h). Substances that can burn easily are called -----.
- (i). A substance that allow light to pass is called -----.
- (j). ----- gas is highly combustible.

Q03. Select true (T) and False (F) statements from the followings.

- (a). Sugar dissolves in water.
- (b). Stone is translucent.
- (c). Metals are lustrous.
- (d). Piece of wood float in water
- (e). Oil mix with water.

Q04. Define malleability and ductility?

Q05. Why do metal's objects loose their luster after a while?

Q06. How are transparent objects different from opaque objects?

Q07. What are soft and hard materials? Give example.

Q08. On what basis materials are grouped together?

Q09. What is solubility? Give two example of each soluble and insoluble in water?

