

CHAPTER – 2

Sorting Materials into Groups

Q. 1

Name five objects which can be made from wood.

Answer:

Five objects which can be made from wood are:

- i. Chair
- ii. Plough
- iii. Stool
- iv. Table
- v. Door

Q. 2

Select those objects from the following which shine:
Glass bowl, plastic toy, steel spoon, cotton shirt.

Answer:

Objects that shine are - Steel spoon, glass bowl.

Q. 3

Match the objects given below with the materials from which they could be made. Remember, an object could be made from more than one material and a given material could be used for making many objects.

<u>Objects</u>	<u>Materials</u>
Book	Glass
Tumbler	Wood
Chair	Paper
Toy	Leather
Shoes	Plastics

Answer:

Book - Paper

Tumbler - Glass, wood, plastic

Chair - Wood, plastic

Toy - Glass, wood, paper,

Shoes - Leather, plastic

Q. 4

State whether the statements given below are True or False:

- i. Stone is transparent, while glass is opaque.
- ii. A notebook has luster while eraser does not.
- iii. Chalk dissolves in water.
- iv. A piece of wood floats in water.
- v. Sugar does not dissolve in water.
- vi. Oil mixes with water.
- vii. Sand settles down in water.
- viii. Vinegar dissolves in water.

Answer:

(i) False, glass is a transparent because it allows light to pass through it, while stone is opaque object because it does not allow light to pass through it.

(ii) False, Notebook and eraser do not have any luster as they are not metals.

(iii) False, Chalk does not dissolve in water because it is insoluble in water.

(iv) True, a piece of wood floats on water because the density of wood is lesser than that of water.

(v) False, Sugar is soluble in water.

(vi) False, Oil does not dissolve in water. It makes a separate layer on water.

(vii) True, Sand settles down in water as it is heavier than water.

(viii) True, Vinegar is soluble in water.

Q. 5

Given below are the names of some objects and materials: Water, basketball, orange, sugar, globe, apple and earthen pitcher. Group them as:

- Round shaped and other shapes.
- Eatable and non-eatables.

Answer:

a. Round shaped: Basketball, Orange, Globe, Earthen pitcher

Other Shapes: Apple

b. Eatables: Water, Orange, Sugar, Apple

Non-eatables: Basketball, Globe, Earthen pitcher

Q. 6

List all items known to you that float on water. Check and see if they will float on oil or kerosene.

Answer:

Some items that float on water are listed below:

- i. Plastic ball
- ii. Matchstick
- iii. Feather
- iv. Paper boat
- v. Balloon
- vi. Hair
- vii. Thermocol piece
- viii. Cane
- ix. Paper boat
- x. Wood

They also float on oil or kerosene.

Q. 7

Find the odd one out from the following:

- a. Chair, Bed, Table, Baby, Cupboard.
- b. Rose, Jasmine, Boat, Marigold, Lotus.
- c. Aluminum, Iron, Copper, Silver, Sand.
- d. Sugar, Salt, Sand, Copper sulphate.

Answer:

- a. Baby (Except this all others are non-living things).
- b. Boat (Except this all others are flower).
- c. Sand (Except this all others are metals).
- d. Sand (Except this all others are soluble in water).

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