

Science

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(Chapter – 4) (Sorting Materials into Groups)

(Class – VI)

Exercises

Question 1:

Name five objects which can be made from wood.

Answer 1:

Table, Chair, Bed, Doors, Bullock cart etc.

Question 2:

Select those objects from the following which shine:

Glass bowl, plastic toy, steel spoon, cotton shirt

Answer 2:

Glass bowl and steel spoon.

Question 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.

Objects	Materials
Book	Glass
Tumbler	Wood
Chair	Paper
Toy	Leather
Shoes	Plastics

Answer 3:

Objects	Materials
Book	Glass
Tumbler	Wood
Chair	Paper
Toy	Leather
Shoes	Plastics

Question 4:

State whether the statements given below are True or False.

- (i) Stone is transparent, while glass is opaque.
- (ii) A notebook has lustre while eraser does not.
- (iii) Chalk dissolves in water.
- (iv) A piece of wood floats on water.
- (v) Sugar does not dissolve in water.

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- (vi) Oil mixes with water.
- (vii) Sand settles down in water.
- (viii) Vinegar dissolves in water.

Answer 4:

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

Question 5:

Given below are the names of some objects and materials:

Water, basket ball, orange, sugar, globe, apple and earthen pitcher

Group them as:

- (a) Round shaped and other shapes
- (b) Eatables and non eatables

Answer 5:

- (a)
 - Round shaped : Basket ball, orange, globe, apple and earthen pitcher
 - Other shapes : Water and sugar
- (b)
 - Eatables : Water, orange, sugar and apple
 - Non eatables : Basket ball, globe and earthen pitcher

Question 6:

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

Answer 6:

Wooden block, Paper, Balloon, Hair, plastic bottle, wooden logs, Boat etc. will float on water. A few of these like hair, balloon can float on kerosene or oil. Generally, *substances have less density than oil and water can float.*

For example, few types of wood have densities higher than oil but less than water, so it floats on water but not on kerosene.

Question 7:

Find the odd one out from the following:

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

Answer 7:

- a) Baby: Rest others are made up of wood and are non – living things.
- b) Boat: Rest others are flowers.
- c) Sand: Rest others are metals.
- d) Sand: Rest others are in crystal forms.

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