

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

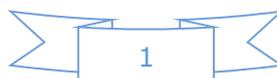
Answer 2:

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



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 **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.
- (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)**

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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.

