

**Objective Type Questions**

1. Match the following items given in Column A with that in Column B.

Column A		Column B	
(a)	Glass, air	(i)	Floats on water
(b)	Iron, sheet and card board	(ii)	Translucent
(c)	Oily paper sheet	(iii)	Metallic luster
(d)	Sugar and salt	(iv)	Transparent
(e)	Gold and silver	(v)	Opaque
(f)	Wax	(vi)	Soluble in water

2. Fill in the blanks with appropriate words:

- (i) Grouping of things is done for .....
- (ii) Classification is done on the basis of some ..... and .....
- (iii) A thing can be made of different .....
- (iv) Different materials can be used to make .....
- (v) Mustard oil is ..... in water.
- (vi) A sugar syrup is a .....
- (vii) Blue Vitriol (Neela thotha) is ..... in water.
- (viii) Sand is ..... in water.
- (ix) Lemon juice is ..... in water.
- (x) ..... substances are those through which we can easily see.
- (xi) Materials which conduct heat quickly are called ..... of heat.
- (xii) Iron is a ..... Material.

3. State whether the statements given below are True or False:

- (i) Grouping is a useful process.
- (ii) All objects are made up of some kind of materials.
- (iii) Things can be grouped on the same kind of materials.
- (iv) Different types of materials have different properties.
- (v) Same thing can be from different materials.
- (vi) Things made of gold and aluminium have no luster.
- (vii) Use of a material depends on its properties and the purpose for which it is to be used.
- (viii) A looking mirror or things made of metals are smooth to touch.
- (ix) All materials can be felt by one or more of our sense.
- (x) The amount of matter in any object is called its weight.
- (xi) The material which do not allow light to pass through them are called opaque.
- (xii) The material which conduct heat very slowly are called non-conductor of heat.

4. Choose the correct option in the following questions:

(i) What makes the basis of sorting materials into groups?

- (a) Similarities in their properties
- (b) Differences in their properties
- (c) Both similarities and differences in their properties
- (d) None of the above

(ii) Which one will show a metallic luster?

- (a) Any surface of a metal
- (b) Freshly cut surface of a metal
- (c) Freshly cut surface of non-metal
- (d) Surfaces of all materials

(iii) An oily thin paper sheet will be

- (a) Transparent
- (b) Translucent
- (c) Opaque
- (d) Cannot be predicted

(iv) Purpose of sorting material into groups is

- (a) To study their properties
- (b) Convenience
- (c) Both (a) and (b)
- (d) None of these

(v) Which is a set of transparent materials?

- (a) Glass and air
- (b) Water and glass
- (c) Water and air
- (d) All of these

(vi) Choose the opaque object from the following:

- (a) Charcoal
- (b) Air
- (c) Glass
- (d) Water

(vii) Which one of the following is not soluble in water?

- (a) Turmeric powder
- (b) Common salt
- (c) Alum
- (d) All are soluble

(viii) Which object shines?

- (a) Plastic toy
- (b) Cotton shirt
- (c) Steel spoon
- (d) Stone piece

(ix) Which of the following has reddish brown colour?

- (a) Gold
- (b) Copper
- (c) Iron
- (d) Brass

(x) Which one of the following is insoluble in water?

- (a) Alcohol
- (b) Sodium chloride
- (c) Coconut oil
- (d) Sugar