

Marks: 20

Time: 15 min

Q1. Choose the correct option:

1. An iron nail is kept in each of the following liquids. In which case would it lose its shine and appear dull?

(a) Mustard oil (b) Soft drink (c) Coconut oil (d) Kerosene

2. Pick one material from the following which is completely soluble in water.

(a) Chalk powder (b) Tea leaves (c) Glucose (d) Sawdust

3. You are provided with the following materials (i) magnifying glass (ii) mirror (iii) stainless steel plate (iv) glass tumbler. Which of the above materials will you identify as transparent?

(a) (i) and (ii) (b) (i) and (iii) (c) (i) and (iv) (d) (iii) and (iv)

4. Shrey found a bag containing the following materials: (i) Mirror (ii) Paper stained with oil (iii) Magnet (iv) Glass spectacles. Help Shrey in finding out the material(s) which is/are opaque.

(a) (i) only (b) (iv) only (c) (i) and (iii) (d) (ii) and (iv)

5. Which pair of substances among the following would float in a tumbler half-filled with water?

(a) Cotton thread, thermocol (b) Feather, plastic ball (c) Pin, oil drops (d) Rubber band, coin

6. Which of the following materials is not lustrous?

(a) Gold (b) Silver (c) Wood (d) Diamond

7. Which of the following statements is not true?

(a) Materials are grouped for convenience.

(b) Materials are grouped to study their properties.

(c) Materials are grouped for fun.

(d) Materials are grouped according to their uses.

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Q2. On a bright sunny day, Shikha was playing hide and seek with her brother. She hid herself behind a glass door. Do you think her brother will be able to locate her? If yes, why? If no, why not?

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Q3. Which among the following materials would you identify as soft materials and why? Ice, rubber band, leaf, eraser, pencil, pearl, a piece of a wooden board, cooked rice, pulses and fresh chapati.

3

Q4. Match the objects given in column I with the materials given in column II.

Column I    Column II

Column I	Column II
(a) Surgical instruments	(i) Plastic
(b) Newspaper	(ii) Animal product
(c) Electrical switches	(iii) Steel
(d) Wool	(iv) Plant product

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Q5. Given below is a table consisting of some items. Please tick the appropriate materials with which it can be made:

	Items	wood	Glass	Plastic	Metal
i.	Chair				
ii.	Plate				
iii.	Cooking utensils				
iv.	Wire				

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