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STUDY NOTES

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CLASS- VI (All Section)

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**Science**

**CHAPTER: 4 Sorting materials into group**

**Today's Topic: Revision of the chapter**

**1. Answer the following questions:**

- (a) Why does the wooden handle of a cooking pan remain cool during cooking?
- (b) Why is glass used in the making of spectacle lenses?
- (c) Why does a tree cast a shadow on a bright sunny day?
- (d) Why is diamond used to cut glass?
- (e) By what method can an insoluble material be separated from a mixture with water?

**2. Fill in the blanks:**

- (a) Metals usually lose \_\_\_\_\_ and appear dull if kept exposed to air and moisture for a long time.
- (b) \_\_\_\_\_ materials allow some light to pass through but do not allow a clear view of objects on the other side.
- (c) Ice floats on water because it \_\_\_\_\_ on freezing.

(d) Water contains \_\_\_\_\_ Oxygen that supports life under water.

(e) More sugar can be dissolved in water at \_\_\_\_\_ temperatures.

**3. Explain the terms:**

(a) porous

(b) insulator

(c) acid rain

(d) fibreglass

(e) insoluble

**4. Indicate whether the statements are true or false:**

(a) A diamond can scratch glass.

(b) Silver and copper do not get tarnished when exposed to air for a long time.

(c) Good quality sunglasses totally cut off infrared rays which are harmful to the eye.

(d) Steel is harder than a diamond.

(e) Aerated soft drinks contain dissolved carbon dioxide.

