

CHAPTER-6 | Materials Around Us

QUIZ
PART-03

1. Which set contains only lustrous materials?
A. Paper, wood, rubber
B. Gold, silver, aluminium
C. Jute, cardboard, plastic
D. Butter paper, frosted glass, water (B)

Explanation : Lustrous materials are typically metals; gold, silver, and aluminium are shiny metals.

2. Which statement about shine is correct?
A. All shiny objects must be metals
B. Some materials shine due to polish or coating
C. Non-metals can never appear shiny
D. Metals never shine more when freshly cut (B)

Explanation : Shine can result from surface polish/coating; lustre alone doesn't prove a material is metal.

3. Which material is non-lustrous?
A. Iron
B. Copper
C. Aluminium
D. Wood (D)

Explanation : Non-metals like wood, paper, rubber, and jute are dull (non-lustrous).

4. Which material is correctly identified as hard?
A. Sponge
B. Eraser
C. Stone
D. Cotton pillow (C)

Explanation : Hard materials are difficult to press or scratch; stone is a clear example.

5. Which pairing of material and transparency is correct?
A. Glass—opaque; butter paper—transparent; wood—translucent
B. Glass—transparent; butter paper—translucent; wood—opaque
C. Water—opaque; frosted glass—transparent; cardboard—translucent
D. Air—translucent; metal—transparent; jute—opaque (B)

Explanation : Glass is transparent, butter paper is translucent, and wood is opaque.

6. Which material allows only partial passage of light?
A. Butter paper
B. Wood
C. Metal sheet
D. Cardboard (A)

Explanation : Translucent materials like butter paper permit partial light transmission.

7. Which of the following is soft?
A. Stone
B. Iron
C. Sponge
D. Brick (C)

Explanation : Soft materials (e.g., sponge, eraser) are easy to press or scratch.

8. Which set lists only transparent materials?
A. Glass, water, air
B. Wood, metal, cardboard
C. Jute, plastic, rubber
D. Butter paper, frosted glass, mist (A)

Explanation : Glass, water, and air are examples of transparent substances.

9. Which properties are used to classify materials based on appearance?
A. Weight and taste
B. Colour, hardness/softness, shape, shine/dullness
C. Cost and brand
D. Temperature and smell (B)

Explanation : Classification by appearance uses colour, hardness/softness, shape, and shine/dullness.

10. Wood is—
A. Transparent
B. Translucent
C. Opaque
D. None of these (C)

Explanation : Opaque materials do not allow light to pass; wood is opaque.