

CHAPTER-9 | Mixtures and Separation in Everyday Life

QUIZ
PART-03

1. A liquid-liquid mixture contains:

- A. Two solids
- B. Two liquids
- C. Solid and gas
- D. Gas and liquid (B)

Explanation : Both components are liquids.

2. Oil and water are:

- A. Miscible
- B. Immiscible
- C. Solid
- D. Gas (B)

Explanation : They form separate layers.

3. Water and milk are:

- A. Immiscible
- B. Miscible
- C. Solid
- D. Gas (B)

Explanation : They mix completely.

4. Decantation is used for:

- A. Miscible liquids
- B. Immiscible liquids
- C. Solids
- D. Gases (B)

Explanation : Top layer is gently poured off.

5. In decantation, the top liquid is:

- A. Boiled
- B. Filtered
- C. Poured gently
- D. Frozen (C)

Explanation : Clear top layer is separated.

6. Churning separates:

- A. Salt
- B. Mud
- C. Butter from curd
- D. Oil from water (C)

Explanation : Fat particles are separated.

7. Immiscible liquids form:

- A. One layer
- B. Two layers
- C. Solid
- D. Gas (B)

Explanation : They do not mix.

8. Lemon juice and water are:

- A. Immiscible
- B. Miscible
- C. Solid
- D. Magnetic (B)

Explanation : They mix completely.

9. Oil floats on water because:

- A. Heavier
- B. Lighter
- C. Solid
- D. Magnetic (B)

Explanation : Lighter liquid forms top layer.

10. Churning works on difference in:

- A. Colour
- B. Size
- C. Density
- D. Magnetism (C)

Explanation : Lighter fat separates.