

# YAKEEN NEET 2.0

**2026**

**Some Basic Concept of Chemistry**

**MPQ Solution - 01**

**Physical Chemistry**

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**The decline of iatrochemistry in India began with:**

- ☒ **A** Introduction of European alchemy
- ☐ **B** Rise of Buddhist traditions
- ☐ **C** Adoption of modern Western medicine
- ☐ **D** British banning Ayurveda



**AZT is used for treatment of**

- ☐ **A** Cancer
- ☒ **B** AIDS
- ☐ **C** Headache
- ☐ **D** None of these

**Which is a type of matter?**

- ☐ **A** Pen
- ☐ **B** Paper
- ☐ **C** Ink
- ☒ **D** All of these

Which of the following is not a characteristic of solids?

- ☐ A Definite shape
- ☐ B Definite volume
- ☒ C High compressibility
- ☐ D Strong intermolecular forces



Which statement is correct about gases?

- ☐ A Gases have fixed shape but not fixed volume  $\times$
- ☐ B Gases are incompressible  $\times$
- ☒ C Gases have negligible intermolecular forces
- ☐ D Gases have highest density among the three states  $\times$

$$\downarrow d = \frac{m}{V n}$$



**Which state of matter exhibits both viscosity and fluidity?**

- A** Solid ~~X~~
- ☒ **B** Liquid
- C** Gas
- D** All of these



✓ **Statement 1 : On heating, a solid usually changes to a liquid and the liquid on further heating changes to the gaseous state.**

✓ **Statement 2 : Arrangement of constituent particles is different in solid, liquid and gaseous state.**

- ✓ **A** Both statement-I and statement-II are correct
- B** Both statement-I and statement-II are incorrect
- C** Statement-I is correct and statement-II is incorrect
- D** Statement-I is incorrect and statement-II is correct



Which of the following is not a correct match?

- ☒ A Solid - Least compressible
- ☒ B Liquid - Definite shape
- ☐ C Gas - No definite volume
- ☐ D Plasma - Ionized gas

Plasma → extremely high temp  
↓  
Ionized gases  
↓  
Particles move with extremely high speed.

**Which property is not exhibited by liquids?**

- ☐ A Surface tension
- ☒ B Definite shape
- ☐ C Viscosity
- ☐ D Ability to flow

Which among the following states of matter has the highest kinetic energy of particles at room temperature ?

☒ A Solid

☐ B Liquid

☐ C Gas

☒ D Plasma



**THANK**  
**YOU**