Paper_25ffd996-a7a4-411c-b5de-d44fe096e358

Exam Type: Final
Paper Type: chapterwise
Duration: 120 mins
Total Marks: 100
Total Questions: 10

Instructions:
Paper length (e.g., 5–10 pages)

Formatting style (APA / MLA / Chicago)

Topic or research question

Due date

Whether sources are required (and how many)

Subject: Chemistry
Chapter: state of matter
School: delhi public school

Question: Which of the following statements best describes the arrangement of particles in a solid?
Answer: undefined
Correct Answer: Particles are arranged in a regular pattern and have strong interactions.

Question: What is the effect of increasing temperature on the kinetic energy of gas molecules?
Answer: undefined
Correct Answer: Kinetic energy increases.

Question: Define 'Evaporation' and explain the factors affecting the rate of evaporation.
Answer: undefined
Correct Answer: null

Question: Explain the terms 'boiling point' and 'melting point' and how they are affected by pressure.
Answer: undefined
Correct Answer: null

Question: What is the difference between evaporation and boiling? Give two key differences.
Answer: undefined
Correct Answer: null

Question: Describe the process of sublimation with examples. Explain why some substances undergo sublimation more readily than others.
Answer: undefined
Correct Answer: null

Question: Explain the properties of gases including diffusion, compression, and expansion, relating them to the kinetic molecular theory.
Answer: undefined
Correct Answer: null

Question: A gas occupies 5.0 L at standard temperature and pressure (STP). Calculate the volume it will occupy at 273°C and 2 atm pressure.
Answer: undefined
Correct Answer: null

Question: Discuss the effect of intermolecular forces on the physical state of a substance. How do strong and weak intermolecular forces influence melting and boiling points?
Answer: undefined
Correct Answer: null

Question: Explain the concept of latent heat. Differentiate between latent heat of fusion and latent heat of vaporization with examples.
Answer: undefined
Correct Answer: null