

Test Jot Series

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Student Name:			Class:	9th
Paper Type:	Test Series		Subject:	Chemistry (SNC)
Paper Time:	45		Maximum Marks:	30

Q1. Choose the correct option. (6X1=6)

1. The Branch of Chemistry that deals with radio activity and nuclear process in the nuclei of atoms is:

- (A) Applied Chemistry (B) Environmental Chemistry (C) Physical Chemistry (D) Nuclear Chemistry

2. Strongest intermolecular Forces exists in:

- (A) Solid (B) Gas (C) Liquid (D) Plasma

3. Supercritical fluids are states which show both properties of:

- (A) Gas and solid (B) Gas and liquid (C) Solid and liquid (D) None of these

4. What is the examples two-dimensional crystal?

- (A) Graphene (B) Liquid crystal (C) Liquid state (D) None of these

5. Allotropes of oxygen are:

- (A) Two (B) Three (C) Four (D) Five

6. A solution that dissolved maximum amount of solute is called:

- (A) Saturated solution (B) Super saturated (C) Unsaturated solution (D) None of these

Q2. Write down short answers of following questions. (7X2=14)

- [i] Why is there a need to divide Chemistry into many branches? Give three reasons. [ii] Difference between organic and inorganic chemistry?
- [iii] In which state does matter exist in the sun? [iv] How can matter change its state?
- [v] What is plasma? Write its uses. [vi] What are exotic states of matter?
- [vii] Write down the name of two compounds with formulas.

Q3. Write detailed answers of the following questions.(Answer any 2) (2X5=10)

- Write a note on three primary states of matter.
- What are allotropic forms? Explain the allotropic forms of carbon and sulphur. How does coal differ from diamond?
- Define solubility of a solute how does the solubility of solutes change with the increase in temperature?