



# Purnima International School

Shree Swaminarayan Gurukul, Zundal

|                      |                      |                  |            |                       |  |
|----------------------|----------------------|------------------|------------|-----------------------|--|
| <b>Student Name</b>  |                      |                  |            |                       |  |
| <b>D a t e</b>       |                      | <b>G r a d e</b> | <b>9</b>   | <b>R o l l N o .</b>  |  |
| <b>S u b j e c t</b> | <b>S c i e n c e</b> | <b>M a r k s</b> | <b>1 0</b> | <b>Teacher's Sign</b> |  |

Test paper - 01

## Chapter 01 Matter in Our Surrounding

**Que. 1 Multiple choice questions.( 4marks)**

**1. Which of the following statement is correct?**

- (a) boiling is a bulk phenomenon and evaporation is a surface phenomenon
- (b) boiling is a surface phenomenon and evaporation is a bulk phenomenon
- (c) boiling and evaporation both are surface phenomenon
- (d) boiling and surface both are bulk phenomenon

**2. If the temperature of a place is increase then evaporation:**

- (a) decrease
- (b) increase
- (c) remain same
- (d) none of the above

**3. Which of the following have least inter atomic spacing?**

- (a) solid
- (b) liquid
- (c) gases
- (d) plasma

**4.If you decrease the surface area and increase the temperature, then the rate of evaporation**

- (a) increase
- (b) decrease
- (c) remain same
- (d) may increase or decrease depending upon other factors

**Que. 2 Answer the following questions.(Any 3 out of 5)(6marks)**

1. A diver is able to cut through water in a swimming pool. Which property of matter does this observation show?
2. What are the characteristics of the particles of matter?

4. Give two reasons to justify—

(a) water at room temperature is a liquid.

(b) an iron almirah is a solid at room temperature.

5. Why are we able to sip hot tea or milk faster from a saucer rather than a cup?