

**BRAIN INTERNATIONAL SCHOOL**

**Chemistry Assignment**

**Class: IX (2018-19)**

**Chapter -1: Matter In Our Surroundings .**

1. Boiling point of alcohol is  $78^{\circ}\text{C}$  .Change it into kelvin.
2. Why solid carbon dioxide is called dry ice ?
3. Name two factors which increases the rate of evaporation .
4. Explain how camphor disappears without leaving residue ?
5. Define (i) Melting point (ii) Boiling point (iii) Evaporation.
6. Particles in liquid and gases show random motion .What does it mean and why does it occur ?
7. What is meant by plasma ? Explain.
8. How is Bose-Einstein Condensate formed ?
9. With the help of an activity show that diffusion becomes faster with increase in temperature .
10. Under what conditions natural gas can be liquified ?