



# SACRED HEART SCHOOL

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ASSIGNMENT (2020– 2021)

Class - IX

Subject – CHEMISTRY

## Assignment question based upon online class

1. Why does the temperature of a substance remain constant during its melting point and boiling point?
2. Water as ice has a cooling effect whereas water as steam may cause severe burns. Explain these observations.
3. Diksha was making tea in a kettle. Suddenly she felt intense heat from the puff of steam gushing out of the spout of the kettle. She wondered whether the temperature of the steam was higher than that of the water Boiling in the kettle. Explain.
4. Account for the following: -  
The spaces between constituent particles is maximum in the gaseous state.
5. Give reason for the following observation: -  
Ice floats over Water.