

ST. THOMAS SCHOOL, SAHIBABAD

WORKSHEET FOR PERIODIC TEST- I (2024-2025)

SUBJECT – SCIENCE (086)

CLASS – IX

1	Why is nucleus known as the brain of the cell?	1
2	What is the function of smooth endoplasmic reticulum?	1
3	Ice at 273K is more effective in cooling soft drink bottles than water at 273K. Why?	1
4	What is meant by retardation?	1
5	What type of motion is exhibited by a freely falling body?	1
6	Convert 126 km/hr into m/s.	1
7a	Define latent heat of vaporization.	2
b	Suggest a method to liquefy gases.	
8	Write four differences between prokaryotic and eukaryotic cells.	2
9	Rest and Motion are relative terms. Explain	2
10	A cyclist is travelling at 15 m/s. She applies brakes so that she does not collide with a wall 18 m away. What deceleration must she have?	2
11	Draw a bacterial cell and label it.	3
12	Differentiate between evaporation and boiling.	3