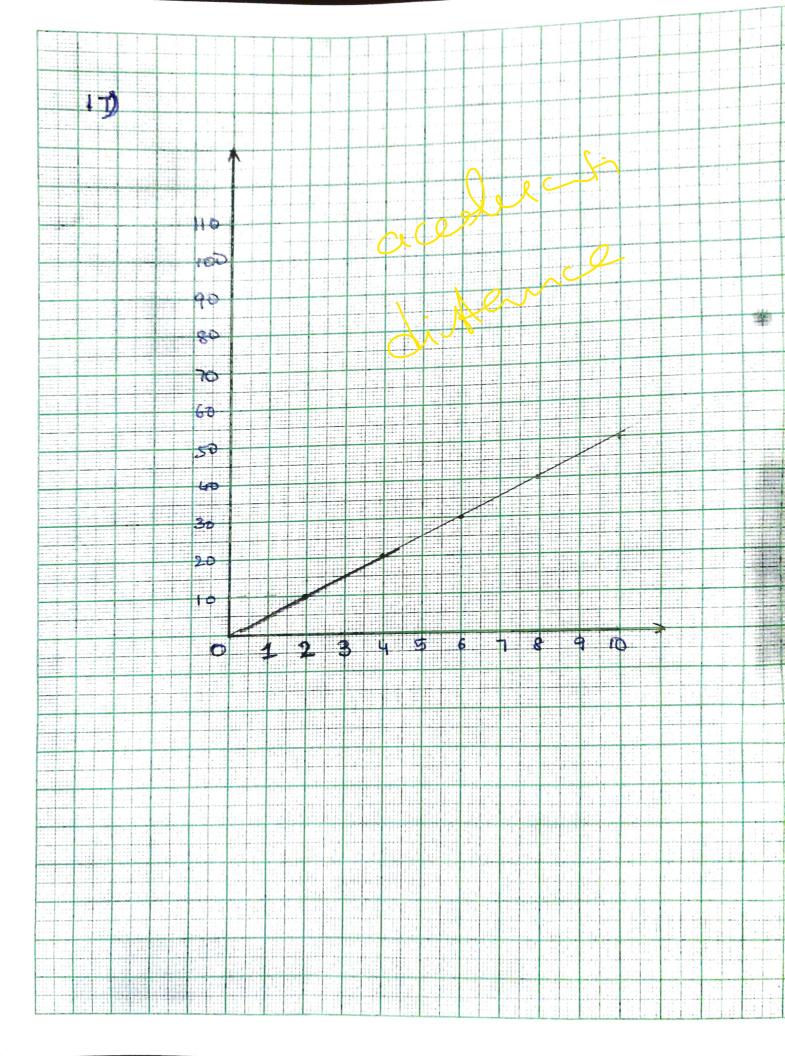


		classmate
		Date
	Abhinav to Rol	1:27 Science
1	7. Stope = accelaration	
	The section of the se	
	-u ² -u ¹ 50 0	54 5
25.17	-y ² -y ¹ 50-D -2 ² -x ¹ 10-0	= 30 = 5 m/52
0	2) 27 - 1:1	
10	2 = austounce	= JIr = 5J1 = 110 m
	b) displacement = 5+	
146	August Au	5 - 10m
	There are all and	THE PART OF THE PARTY OF THE PA
	1 0 0 0	A HARRY MA CO
	Park of burning	
		re a pub arrived to
10.		us is trough as it
Li	a) Shape.	ma a less less of
	Bolicls	Gasses
-a)	Solids have a proper shap	e Gaises occupy the shape
117.3	M. S. Augos As Maries	of the randain os
6)	Solids have a fixed	Gasses take the volume
	Solids have a fixed valume. It can't change	of the container. It is
	0	not fined.
c)	Intermolecular space is	Intermolecular across in
	less.	Intermolecular space is
		the greatest in all states of
e)	So lids dont diffuse.	
	UV	Gasses diffuse into liquids and other gasses.
		gasses.



Abhinar Ix Roll: 27 Science

- 20. a) a golgi complex; b-mitocondia; En e - endoplasmic reticulum; e - Vacule.
 - b) B is the powerhouse. It is called so be cause it produces the ATP molecules which gives energy to the cell.
 - centre, but in the plants, it is on the edge as the vacule is occupying the space.
 - e) Nucleus has a membrane and is neatly organized it is present in enkariotic xells.

 Necluical is a non-membraneous and the genetic material is just scattered in the middle with some other neculear acids.

 This region is the nucleoid and is present only in the prokariotic xells.

Abhinav Ix Roll: 27 Science

Section-B 21. This is due to the latered heat of vaporization But 100°C, the water uses the supplied energy to break the bonds between them rather than just heating up. This is why the temporature is constant. 22. Diffuscon is the movement of molecules from high consentration to low consentration. When the temporature increases the nate of diffusion also increases. His is because the heat energy is absorbed and the kinetic energy increases.
Because of this kinetic energy, the molecules move faster. Evaporation depends on:) Temparature - when temparature is increased, the rate of evaporation encreases. ·) Surface area - As evaporation is a surface phenomina, the greater the surface, the faster the evaporation.



Humidity - Humidity affects evaporation. The more trumidity humid, the slower the evaporation.

o) Wind - When the wind blows, it corries a few particles of water along with it, they the more the evaporate

b) Aman placed the cell in the most salt

consentrated beaker. by doing this In the

blocker the salt content is high and water

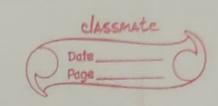
content is low. So, by osmosis the water

from in the cell moves out. This shrinks to

cell, this is called plasmolysis.

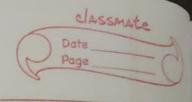
25. a) Gto Gromo-Luco plasts are present to store the various minerals and glucose. in leaves, the cloro plast is also present. other cromoplasts are also present. b) In flowers and familes of the cromoplast are present and in fruits the cromoplast

and lucoplasts are present.



26. This shows that the car is moving with a uniform accelaration. The acceleration is: 10-7.5 = 2.5 = 25 = 25 = 25 = 25 = 50 The acceleration is: 10-7.5 = 2.5 $\frac{25}{3000} - \frac{1}{120} m/s^2$ (20-15)×60 300 Section-C a) Ammonipum Chloridi. b) This process is sublimation c) Dry èce, and Jodine, naphaline 28. a) ice, because ice how will absorb some heat and get converted to water. This extra heat is called latent heat. As it will absorb head, it is more effective at cooling. b) 873 - 273 = 600°C

300 - 273 = 27°C



Comatin contains the DNA. During sell division, the Gromatin forms cor croms cromosomes. A eromosome has 2 identical halves called cromatid. 30.

Bection - D.

- 31. a) Pur to osmosis, the apricats absorb water in pure water and when transferred to sugar solution, they shrink.
 - b) It shrinks.
 - c) The contents inside the cell men with the outsides. The cell is unable to perform the activities musarry for surviva
 - e) Then the protions synthasised by the ER will be easless as the Golgi apparatus needs to activate them.
- 32. ii) $1\frac{1}{2}h = 90 \text{ mins} = 5400 \text{ s}$ 50 km = 50000 m 50000 = 25 m/s = avarage speed 54000 = 27
 - 30 km/m, 3, 12 5 8
 - iv) 2 5 Kmpn