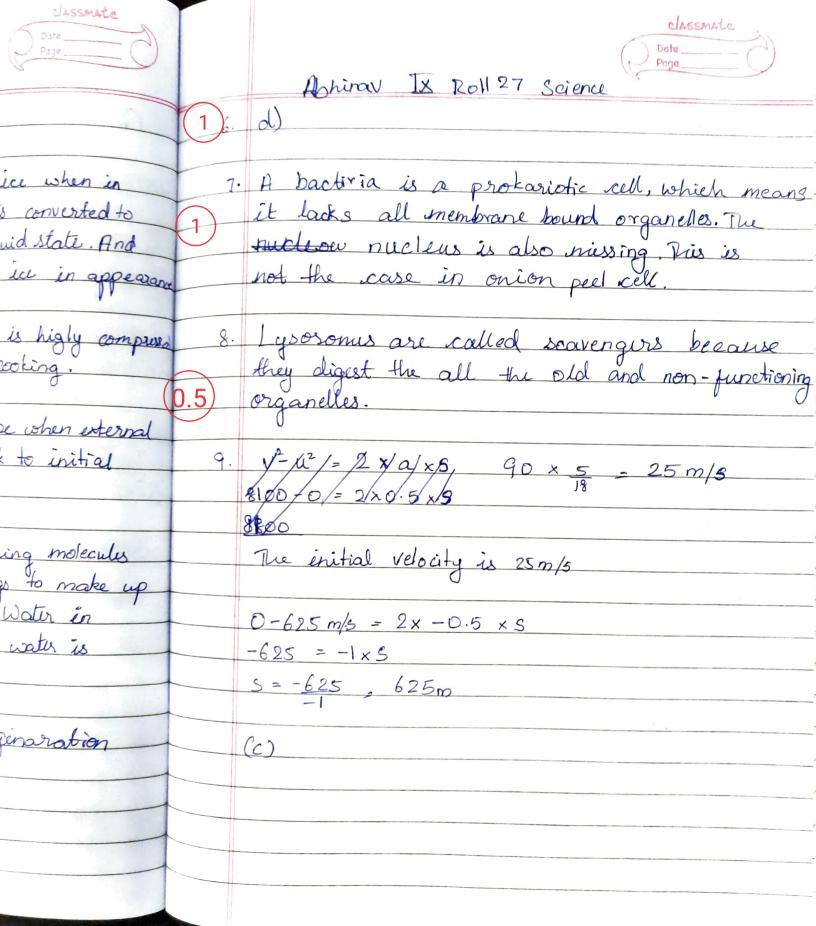


10.25

## Abhinav IX Poll:27 Science

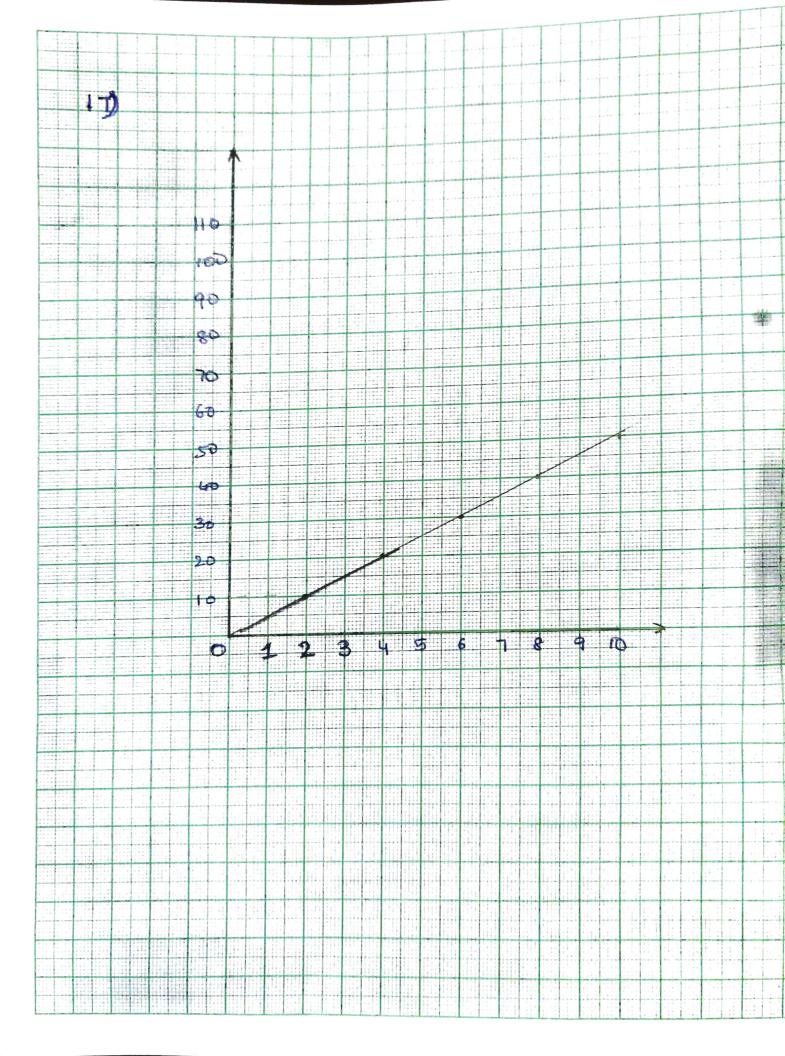
## Section-A

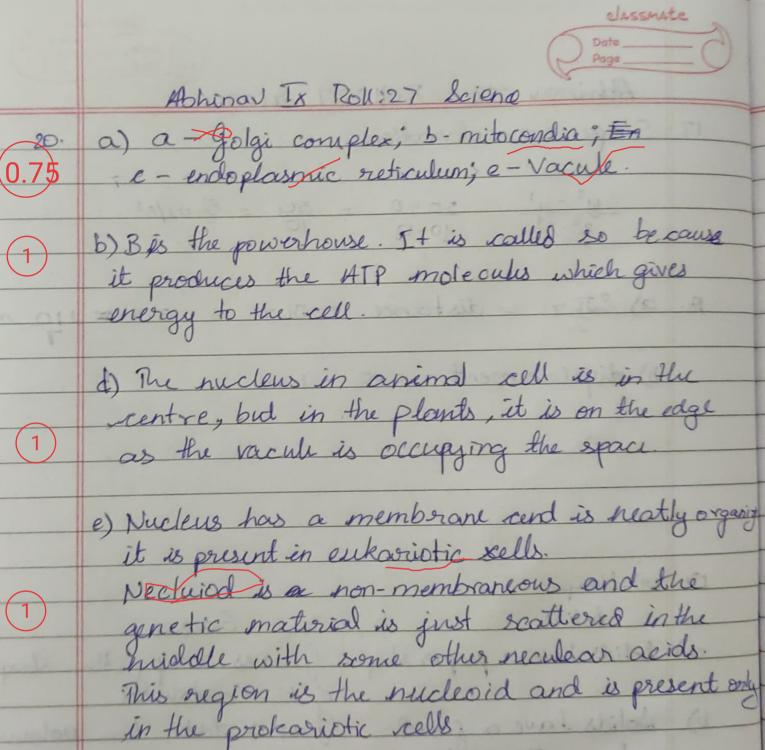
- Larbon diexide is known as dry ice when in solid form because it directly gets converted to gas without going brough the liquid state. And solid Corbon diexide also resembles ice in appearant
- 2. Lpg LPG (liquified Petrolium Gas) is highy compuse in the cylinder. It is used for cooking.
- 3. Published only changes its shape when external force is applied. It reterns back to initial size when force is redeased.
  - 4. When water evaporate, the remaining molecules absorb heat from the surroundings to make up for the lost. This causes coding. Water in earther pot is cool because the water is constantly evaporating.
- 5 c) It can be site of energy genaration



classmate

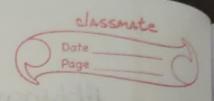
		Classmate
		Date
	Abhinav IX Roll	:27 Dienn
1	7. Slope = acceleration	- turie
	sope according	1-100 100 100 100 100 100 100 100 100 10
	AND NOVER CONTRACTS	a statelyabas as
	-y2-y 50-D	= 50 = 5 m/s <sup>2</sup>
146.03	22-22 10-0	10
	and the substitute of	The same of the sa
R	a) 2.TT = dist	The state of the s
	2 = austoince	= JIT = 5J1 = 110 m
	b) displacement = 5+5	5 = 10m
14	a street It has the se	De rea had an house
	man of many	A decay of
	made by Euchanie	
	I Land of the land	
	tolly is trues more design	
	a all the sixtherns	it is created in an
19:	a) Shape.	and a labeled at the second
3.18	Bolids	Garses
-al	Solids have a money of an	Process 10 1
110	paper some	Gaisses occupy the shape
17		of the contain &
0)	Solids have a fixed valume. It can't change.	Gasses take the volume
	volume. It can't change.	of the container. It is
	0	not fixed.
0	Intermolecular space is	Intermolecular energia
	1.18	Intermolecular space is
	less.	the greatest in all states of
		marier
e)	So lids dont diffuse.	Gasses diffuse into liquids and other gasses.
		liquids and other anses
		gasses.





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.

few particles of water along with it, there the more the wind, the more the evaporate

b) Aman placed the cell in the most salt consentrated beaker. By doing this In the most salt entert is night 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. 2 in leaves, the cloro plast is also present other cromoplasts are also present. b) In flowers and family of the cromoplast

b) In flowers and facits of the cromoplast are present and in fruits the cromoplast and lucoplasts are present.

(20-15)×60

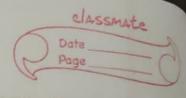
26. This shows that the car is moving with a uniform accelaration. The acceleration is: 10-7.5 = 2.5 = 25 = 25 = 25 = 25 = 50 The acceleration is: 10-7.5 = 2.5

Dection-C

a) Ammonioum Chloridi.

 $\frac{25}{3000} - \frac{1}{120} \frac{m/s^2}{}$ 

- 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



Cromatin contains the DNA. During cell division, the Cromatin forms con croma cromosomes. A eromosome has 2 identical halves called cromaticl. 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 researcy for surviva
  - e) Then the protions synthasised by the ER will be easless as the Godgi 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 Kmpm, 3, 12, 2, 8 30 10 20 1 15 15
    - iv) 2 5 Kmpn