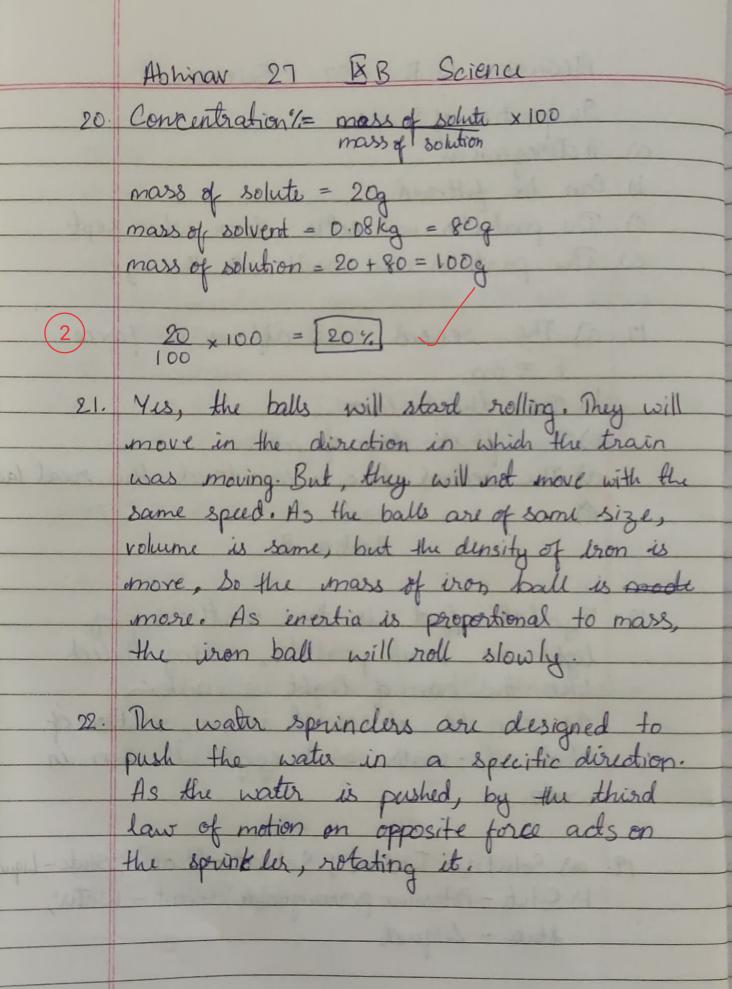
Chem 12	
20	22 50 161
	2.7. IX B Abhinar Science.
	Section-A
1.	B
3 2	A
3.	
4.	AX
5.	
	B
٦.	$a = (y - u) = 0 - 80 = -10 \text{ ms}^{-2}$
3 - 3 - 5 - 4	The state of the s
- 1 - 1	F=ma
3:3:33	= 0.1 x -10 Kg ms-2
	= - N
	Considering only the magnitude, IN
&	(c) A
1,	Momentum is defined as the product of
	mass and v
	P = mv
	121.
	Units are Kg ms-1 or Ns
	where,
	Kg-mass/Killograms s-time/seeles seconds
	m-distance (netro N-force / Newtons.

Abburray 27 Ix B Science 10. Fxa F=ma =) a=F - D Under the same force, If mass increases force should increase but as that isnot F - 2maa, $a_1 = \frac{F}{2} \div 2m$ = Fxt $\alpha_1 = \alpha \times \frac{1}{4}$ is the acceleration is quatered.

	Abhinar 27 TKB Science
11.	C
12.	A
13.	C
14.	В
15	0-17-03
(i	trichome/epiblema; Cortex; Phloem tissue;
	Varula bundle
ii) 淄	Parechyna
iv) #	ond is used for food storage and slow
	and is used for food storage and slow
	transport
川里)	It is a dicot stem.
	Table?
16.	Salt solution:
	a) Heterogenious X
	b) Cannot be filtered
	(E) It dosent sediment settle down when
	kept for a while. So? Rarticles are too ling to be visible to the maked eye
	(B) Particles are too ling to be visible.
	2 A L L L L
	Sugar Solution;
a)	Herogenious.
5)	Cannot be fil

	Abrinar IX B 27 Science.
al	Suspention of Sand:- Heterogenious
b)	Can be filtered
0)	The particles will settle down when kept
2.5 ^e)	The particles will settle down when kept naked The particles are vissible to the eye.
17.	a) The second law défines a force.
	F = ma
100	b) The third law.
01.00	c) The first law of motion.
11 11	d) The second law is considered the real law
100	
	Section-B
hana	and the second of the second o
18.	Tyndall effect is the scattering of
	light on small particles, making it look
0.25	like the beam of light is visible.
- ale	It can be observed in a solution of
- contra	chalk in water and egg albumen in
1000	Real life examples asked
- 04	
19	a) Solute - I odine; Solvent - Alcahol; State - Liquid
	b) Solute - Potassium permanganate, Solvent - Water,
$\left(1\right)$	State - Liquid
-	Physical state of individual components?



Abhinar IXB 27 Science. Even after 3 years, the nail is only I metre from the ground. In trees, the epical meristem is present on the top and tip of roots, not in the middle. So the pail will be in the same location. 24. Cook is formed once he tree grows old. It is a secondary meristen. The cork is hard and is composed of dead cells. It provides machanical strength to the stem. It has no intercellular spaces, making thus, protecting the true from other micro ganisms. Section -C 25. a) Solubility is the amount of solute present in a saturated solution at a given temperate temperature.

i) The solubility increases with the temporal

ii) A solubility varies with type of solute.

Potta Potassium permanganate disolves faster

Which salt?

	Abhinav IxB 27 Science
26.	
0.25	a) Dispertion phase is the substance getting dissolved. (solute like) in a colloid. Not proper
0.23	Dispertion medium is the substances which
Alecha	disolves the other in it (solvert like) in
- 117	a colloid.
	b) Dispertion phase - liquid.
(1)	b) Dispertion phase - liquid. Dispertion medium - solid
	The Control on Falm Arrend Par Strains
27.	u=103
O. President	V = 0
F 107	$v^2 - u^2 = 2 \times \alpha \times 0.05 \text{ m}$
	$-10^3 \div (0.05 \times 2) = a$
	$\frac{-10^3}{10^4} = -10^4 \text{ m/s}^2$
	0.4
	v= tot u + at
William III	$0 = 10^3 + t \times -10^4$
	$-10^3 + + \times -10^4$
	$t = 710^3 - 15$
2)	
a)	F = 0.01 kg x 104
13	= 100N
(4	The time taken is 1 s

4

7-

Abhinau IXB 27 Science 28. a) Due to law of inertia, the fruits
stay in the same place, get detached
and fall down. and fall down. b) When you jump, due to law of inertia you will have the same vebcity of the bus, so, when you fall it wont be a stright gump.

c) Pur to law of invertice the moving from continues to rotate after it is offed. 33 Collendryma Parechyna +issue Collendryma. Elongated Parenchyma > They are isodiametric Their cell wall is thickness -> Thy have a thin uneverly at the ends. cell wall They are only found in > They are fill the olicot stems. places in cells.

Abhinar IXB 27 Science Section-D

30. a) Meristematic ter cells divide constantly.

so their focous will be to have a prominent meeters necleus and a dense cytoplasm. Vacule is used for storing food. But the cell keeps dividing. So

b) Schrinchymatous alls provide support.
Having cellular spaces make them soft and weak. So, they don't have spaces.

c) Pear fruit has schrenchya cells, which are hard and origid so when chewing the fruit, we feel their granular and crunchy.

d) This is because of the collenchyma cells. They give fleribility to the true.

e) The husk of a coconut tree is made of scherenehyma fibers. They are extremely hard. It is because of these tissous that the huse is hard to pull out.

Abhinav IXB 27 Screnu. Section-A v) The part labled as A is the trichone of nutrients and minerals. It traps the air and keeps the plant warm.