Dos and Don'ts for Generaral Science & Ability Paper

Hi there, you've done well. Know that acquiring knowledge is one thing and reproducing it in paper acccording to what's asked is another. There are a few things I would like to highlight.

would like to highlight.

1. A 5 marks part requireglobal regression and their than that) of a paper. Know that there can be two or three parts of a question and their marks are divided accordingly. So, address all of them in a just manner.

Focus on time management. You get 35 minutes to solve one question and about 8 minutes per 5 mark part. Manage your time cordingly.

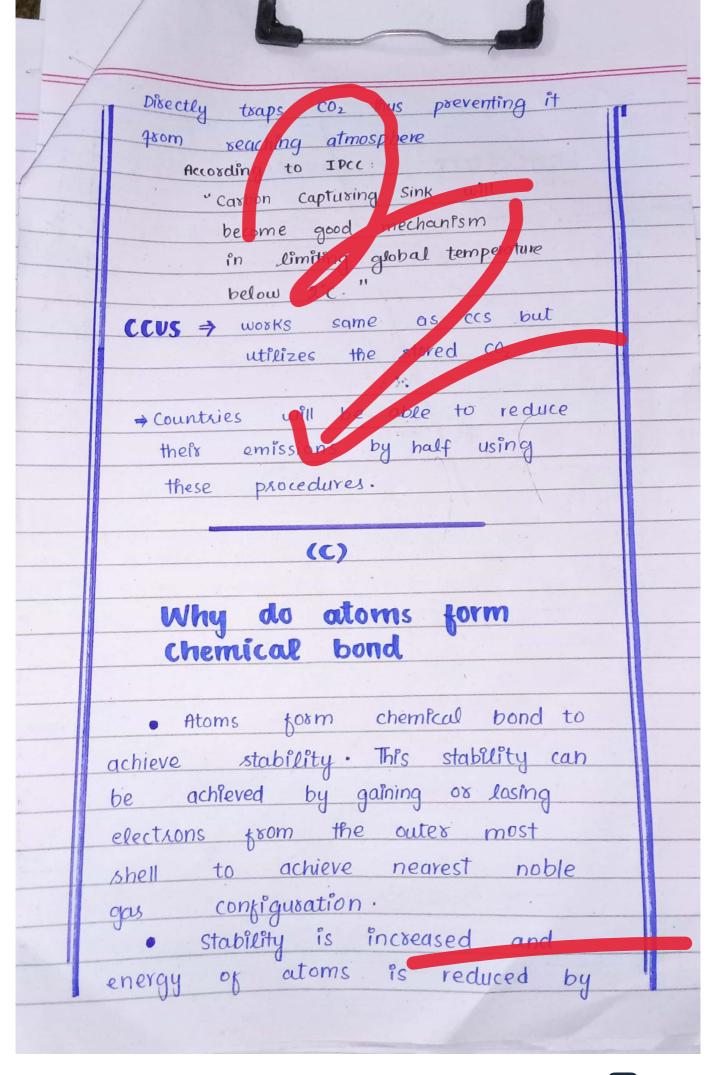
3. You need to understand that wear paper is supposed to look more scientific than theoretical. So, add flow charts and diagrams where required.

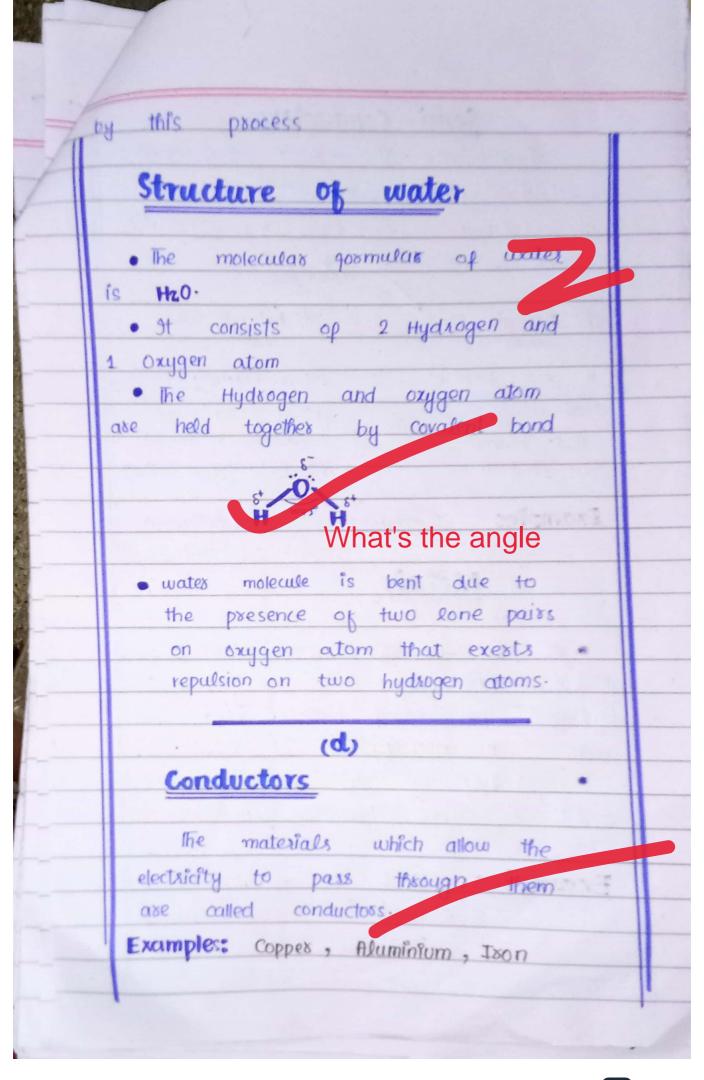
4. Your handwriting and neatness can be really impostful. Avoid cutting and overwriting. 5. Focus on your spellings and your grammar. Here, in GSA there's no deduction in marks but your expression will definitely create an impact

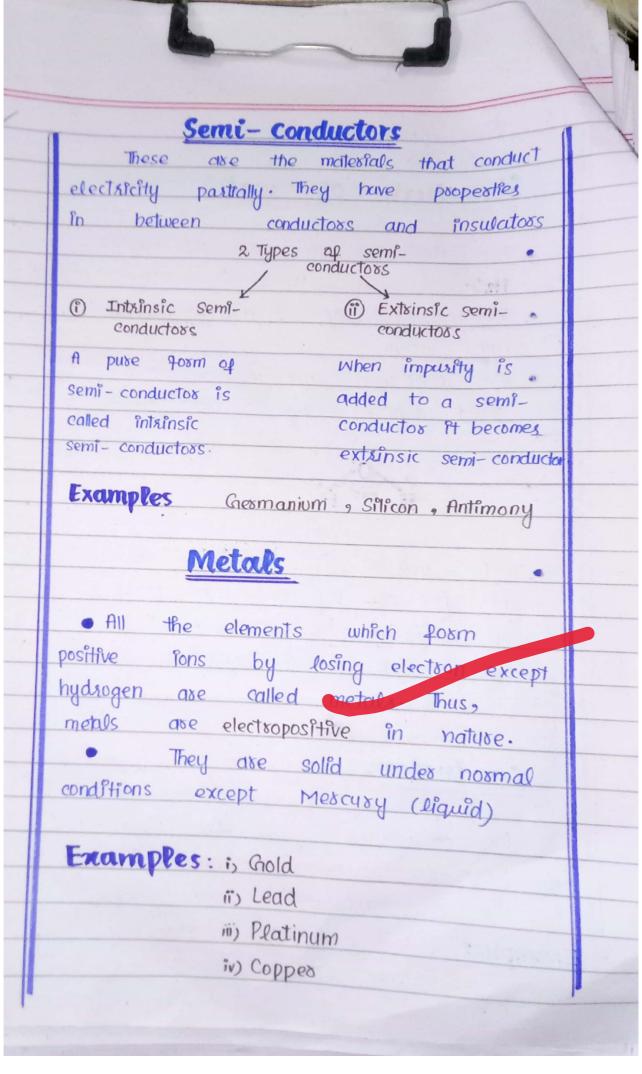
6. In ability portion, give explanation for analytical ability question in words. You need to understand that a 5 mark part requires all steps written and explained.

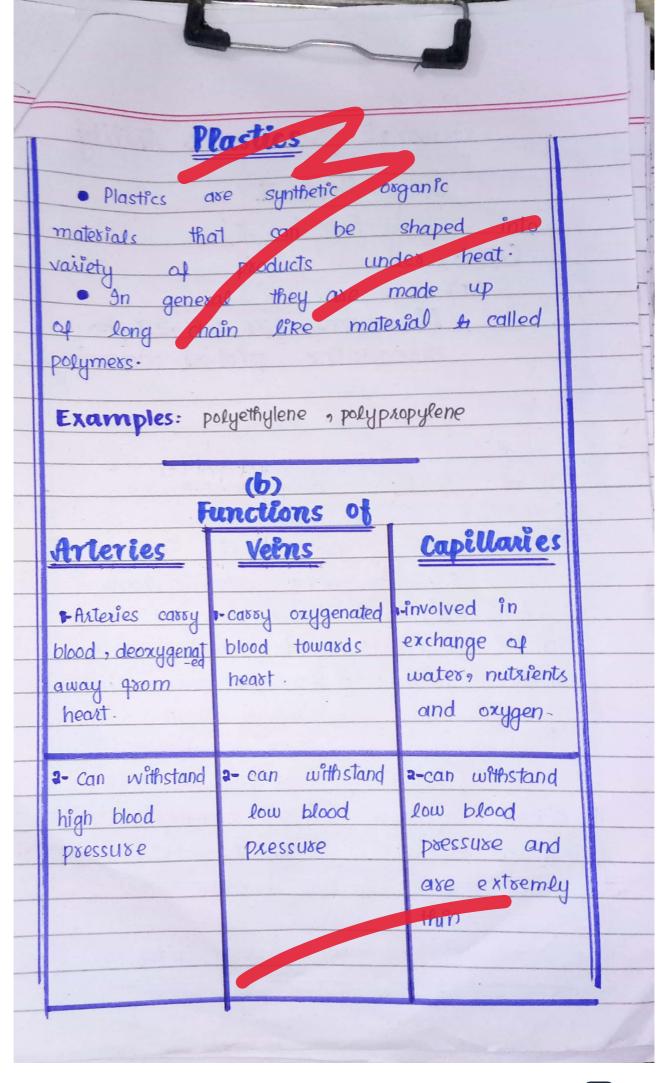
Good luck for CSS 2025. You're gonna rock in sha Allah. :)

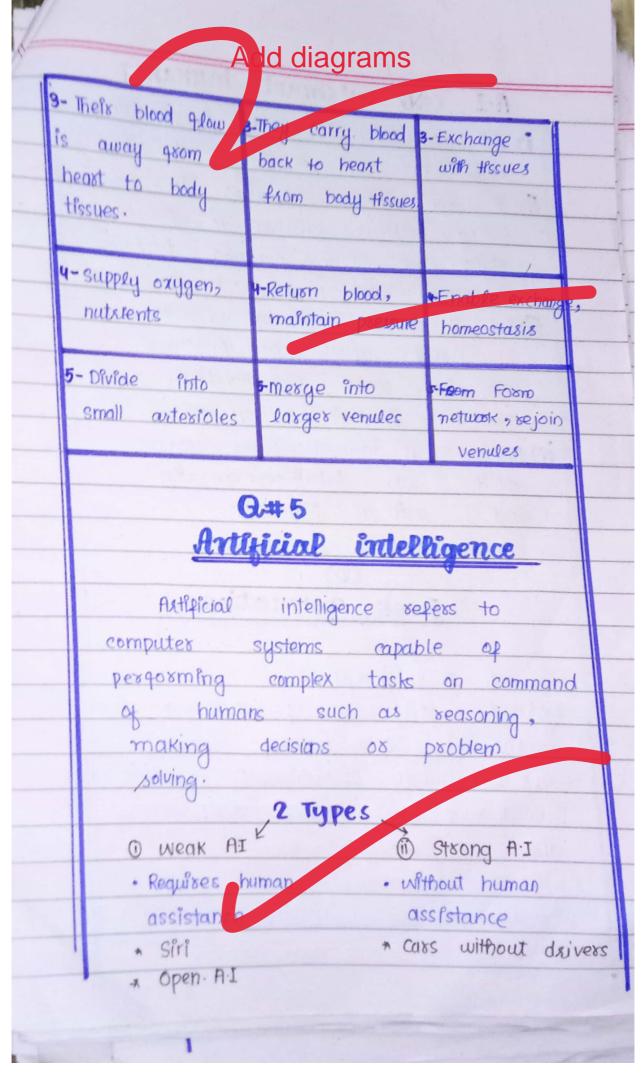
accelerated, with a focus on planning, Implementation and quantitative metrics. 3- Build a sufficient response package for loss and damage The loss and damage qund must be scaled up, with transparent and inclusive funding structure ensuring direct access for developing, least developed or vulnerable countries 4- Deliver and implement more ambitious climate action plans Submit enhanced Nationally Determined contributions (NDCs) consistent with 1.5°C pathways, commit to regarding seen house gases emissions and ensure a just transition 5- Introduce and promote usage of carbon capture Sinks (ccs) and carbon capture, utilization and storage (ccus) ccs > Artificial Carbon sinks



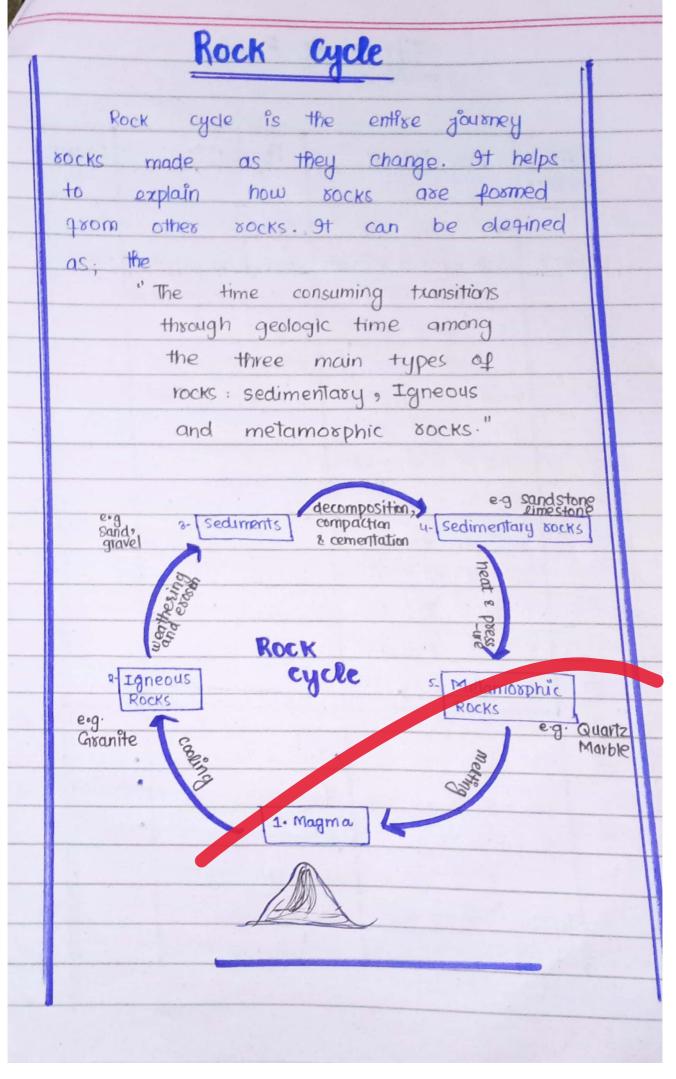






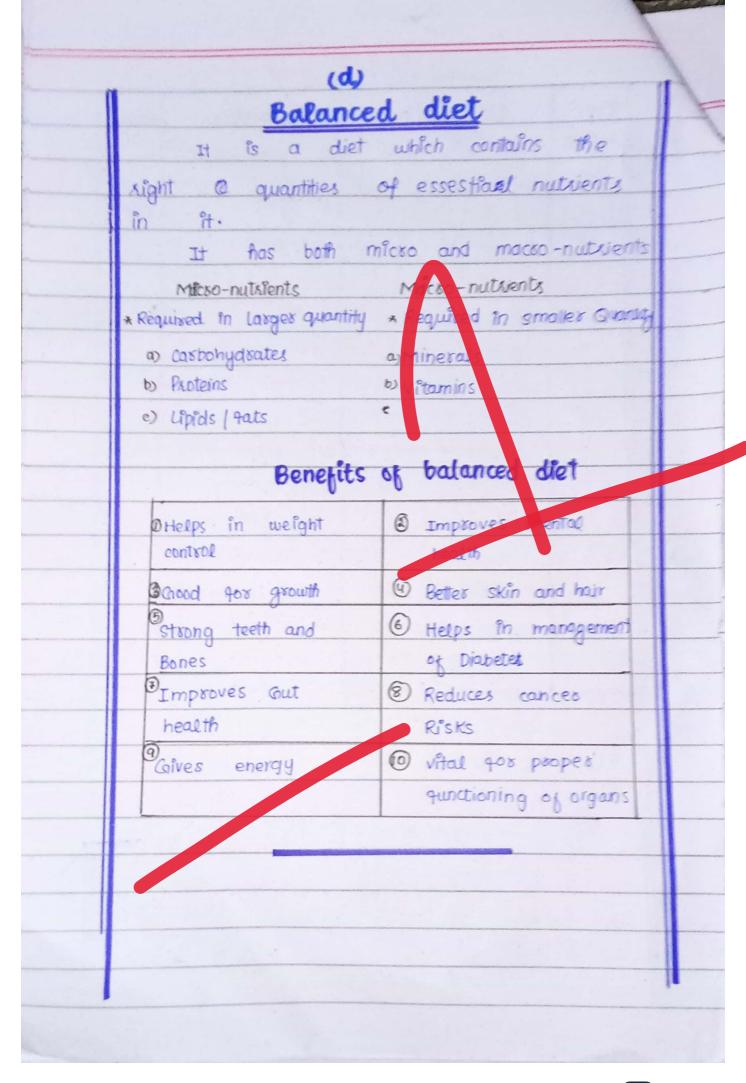


A-I can outsmart humans? i) AI can outsmast humans in certain tasks but not in specific domains 5) It can outsmart humans in solving problems related to larger accionate and more gaster etc. By the cannot outsmost humans In certain aspects like Emetics as Potelligence, social understanding, Creativity, General problem solving. N) Moreover, it cannot posses unique abilities like intuition, empathy and chitical thinking. **(b)** Rock formation A vock formation is an isolated, scenic of spectecular surface to rock outcrop. These are usually the result of weathering and especial sculpting the existing sock.

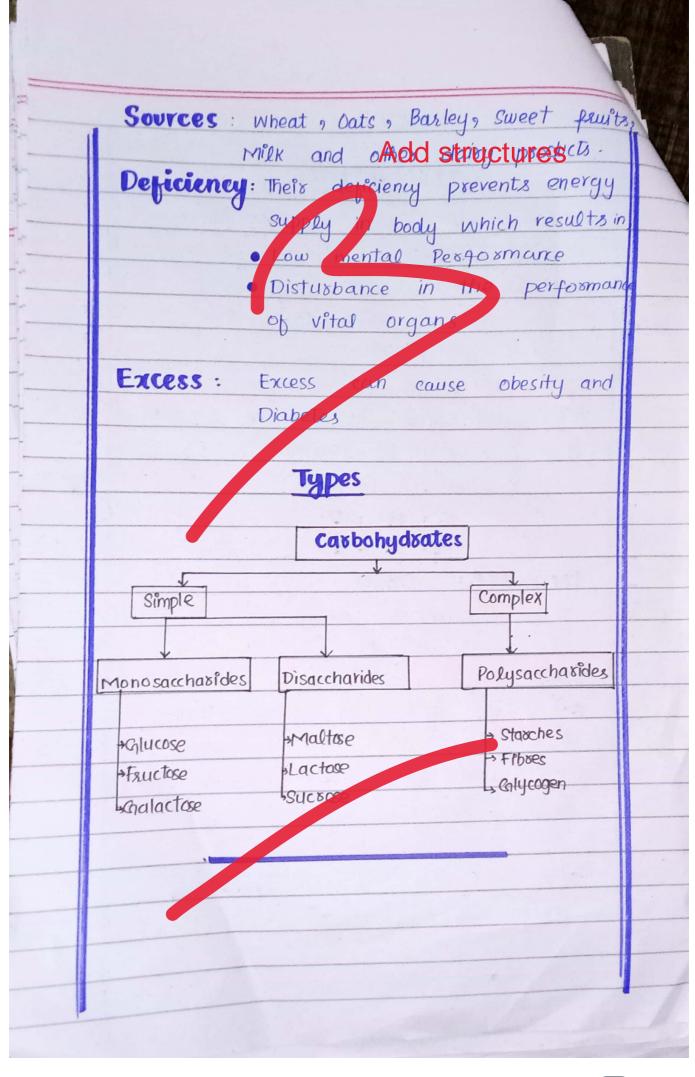


Types of Rocks				
Type of Rock	Description	Formation	Examp.	
Igneous	Colos: Rocks with majority dask minesals and vary widely in colos (gray, black, red, white Texture: Smooth, glassy, fine grained with visible crystals Composition Mainly Silica content. When silica is above 75% main minerals that form are fedspass.	Igneous socks toom when magma (mosten sock underground) or lava (mosten rock above ground) cools and hardens	•Quartz Fedspar	
Sedim	color vary widely (red, white, brown gray, black) Texture Rough, grainy flaky	Sedimentary rocks form through sedimentary: sedimentary rocks existing and existing rocks	• Clay • Calicite	

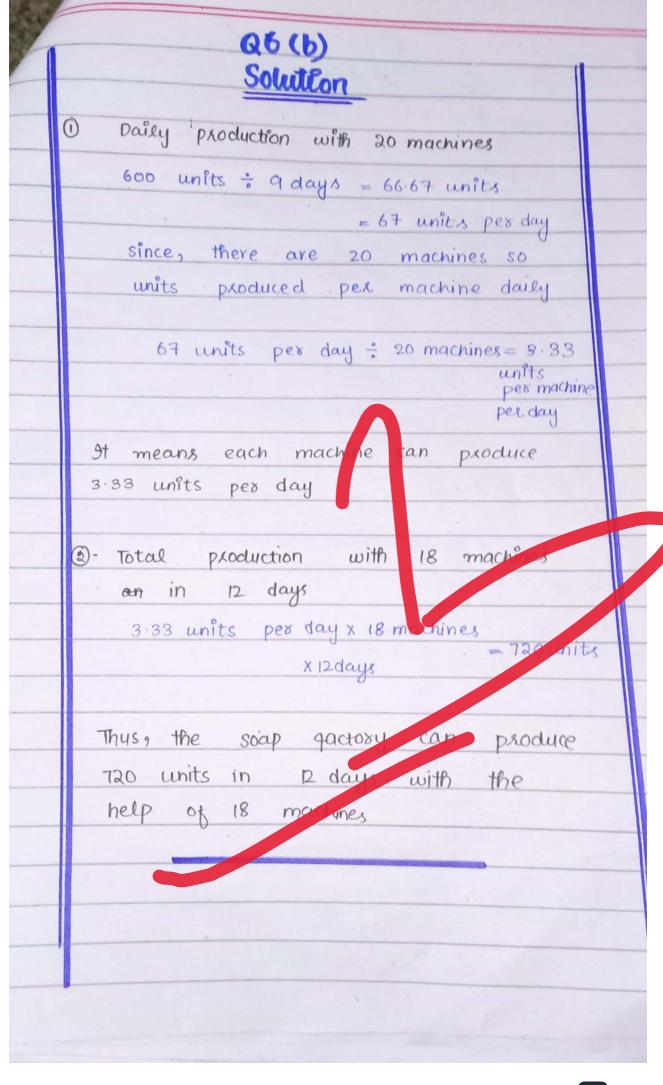




(C) Carbohydrates Casbohydisates are the most abundant biological compounds. It is estimated that more than 50% of total Caxbon content is present in the form of carbohydrates. The ration of carbon, Hydrogen and oxygen in these molecules is 1 carbon atom to 2 Hydrogen atoms to 1 Oxygen atom C : H : 0 1: 2:1 Formulae: CH2O More commonly called sugars and Occurs as natural sweetness. Uses 1-They are used as energy storage source. Because most cells can convert simple carbohydrates into energy that can be harnessed by cell. 2-They are ruised for working of vital yans i.e. Heart.

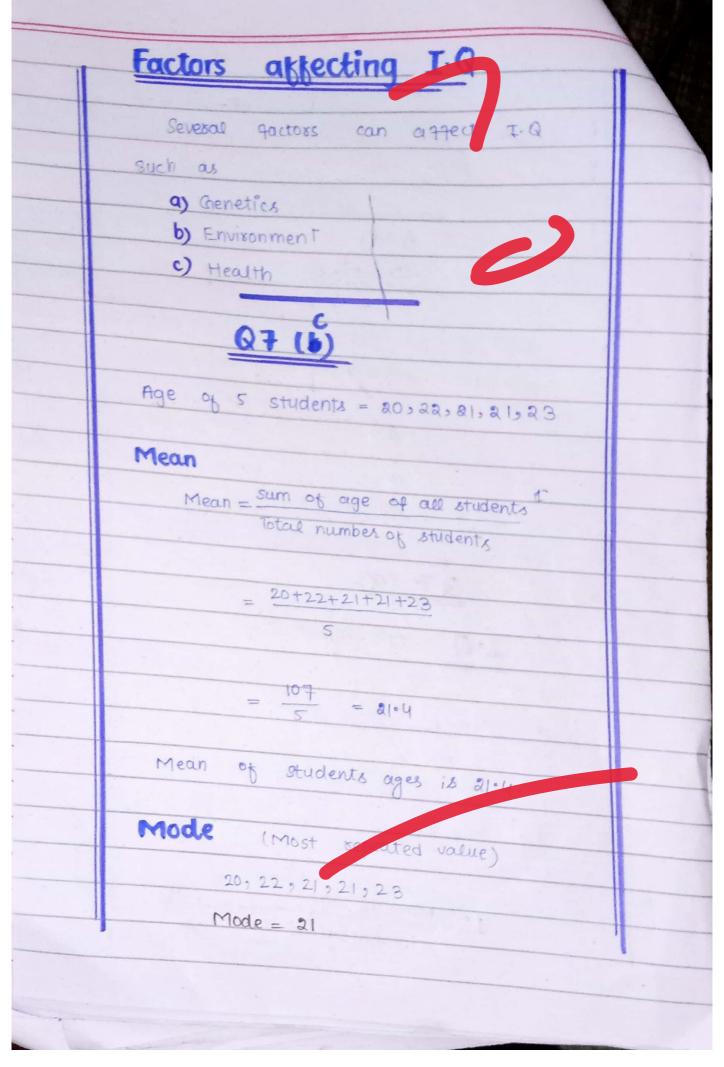


	Sec# II
	Q6(a)
	Solution
	Total population = 22,500
	Mcrease
	old population = 18,000
	Actual increase = New population - old population
	= 22,500 - 18,000
	= 4500
	Percentage încrease = actual încrease x 100
	old population
	$=\frac{4500}{18000}\times10^{-1}$
-	
7	= 25%
	Since, the increase is over decade to
	find re increase per year
	= 25
	10
	= 2.5%
	Total inex percentage increase in
	population per year is 2.5%.



Solution Speed Cas distance Time taken by cas = 1 min = 1/60 Me Distance covered by cds = 450 m : 1000 m = 1 km = 0.45 km Speed = Distance time 2.45 the speed Time taken by train= 45 min = 3/4 hours Distance covered by train= 69 km = Speed = Distance time = 69/3/4 = 69% - 92 km/h Ratio of Speeds			6	(C)		
Time taken by $cas = 1 min = \frac{1}{160 me}$ Distance covered by $cas = 4 min = \frac{1}{160 me}$ $i = 10000 m = 1 km$ $i = 0.45 km$ Speed = Distance $i = 160 me$ Thain Speed Time taken by thain = $45 min = \frac{3}{14} nout$ Distance covered by $i = 160 me$ Speed = Distance $i = 160 me$ $i = 16$			So			
in 1000 m = 1km = 0.45km Speed = Distance time 3.45 1/60 = 2.7km/h Thain Speed Distance covered by train= 45min = 3/4 hours Distance covered by train= 69km = Speed = Distance time = 69 3/4 = 69× = 92km/h Ratio of Speeds						B). Late
in 1000 m = 1km = 0.45km Speed = Distance time 3.45 1/60 = 2.7km/h Thain Speed Distance covered by train= 45min = 3/4 hours Distance covered by train= 69km = Speed = Distance time = 69 3/4 = 69× = 92km/h Ratio of Speeds		Time	taken	by car	= 1 min =	160Mea
= 0.45km Speed = Distance time 1/60 = 27km/h Train Speed Time taken by train= 45min = 3/4 hours Distance covered by train= 69km = Speed = Distance time = 69 3/4 = 69x = 92km/h Ratio of Speeds		Distance	s conese	ed by co		
Speed = Distance time 3.45 4/60 = 27km/h Train Speed Time taken by train= 45min = 3/4 hour Distance covered by train= 69km = Speed = Distance time = \frac{69}{3/4} = \frac{69x}{3/4} = \frac{69x}{3} = \frac{92km/h}{2} Ratio of Speeds				• 1000 m	= 1km	
Train Speed Train Speed Time taken by train= 45min = $\frac{3}{4}$ hours Distance covered by train= 69km = Speed = Distance time = $\frac{69}{3/4}$ = $\frac{69}{3/4}$ = $\frac{69}{3}$ $\frac{69}{3}$ Ratio of Speeds					= 0.45Km	
Train Speed Time taken by train= 45 min = 3/4 hours Distance covered by train= 69km = Speed= Distance time = 69 3/4 = 69x = 92km/h Ratio of Speeds		St	peed =	Distance		
Thain Speed Thain Speed Time taken by train= 45 min = 3/4 hours Distance covered by train= 69 km = Speed = Distance time = \frac{69}{3/4} = \frac{69}{3/4} = \frac{69}{3/4} = \frac{69}{3} \text{Km/h} Ratio of Speeds				time		
Train Speed Train Speed Time taken by train= $45 \text{ min} = \frac{3}{4} \text{ hours}$ Distance covered by $4 \text{ train} = 69 \text{ km} = 69 \text{ km}$ Speed = Distance time $= \frac{69}{3/4}$ $= \frac{69}{3/4}$ $= \frac{69}{3} \text{ km/h}$ Ratio of Speeds						
Train Speed Time taken by train = $\frac{3}{4}$ hours Distance covered by train = $\frac{69}{4}$ hours Speed = Distance Lime = $\frac{69}{3/4}$ = $\frac{69}{3}$ = $\frac{92}{4}$ Katio of Speeds			-	1/60		
Time taken by train= $45 \text{min} = 3/4 \text{ hour}$ Distance covered by train= $69 \text{Km} \neq 9$ Speed= Distance time $= \frac{69}{3/4}$ $= 69 \text{X}$ $= 92 \text{Km/h}$ Ratio of Speeds			= 1	27 Km/h		
Time taken by train= $45 \text{min} = 3/4 \text{ hour}$ Distance covered by train= $69 \text{Km} \neq 9$ Speed= Distance time $= \frac{69}{3/4}$ $= 69 \text{X}$ $= 92 \text{Km/h}$ Ratio of Speeds				- 1911/19		
Distance covered by train= 69Km = Speed = Distance time = \frac{69}{3/4} = \frac{69x}{92Km/h} Ratio of Speeds	T	Lain Sipe	eéd			
Distance covered by train= 69Km = Speed = Distance time = \frac{69}{3/4} = \frac{69}{3/4} = \frac{92}{4} \text{Km[h]} Ratio of Speeds		-TX				1 1 - 110
Speed = Distance time $= \frac{69}{3/4}$ $= \frac{69x}{4}$ $= \frac{69x}{4}$ $= \frac{69x}{4}$ $= \frac{92xm/h}{4}$ Ratio of Speeds						y hours
Lime $= \frac{69}{3/4}$ $= \frac{92}{3/4}$		Distance	covesed	by train	= 69Km =	
Lime $= \frac{69}{3/4}$ $= \frac{92}{3/4}$						
$= \frac{69}{3/4}$ $= \frac{92 \text{ Km/h}}{5}$ Ratio of Speeds		Spec	$ed = \frac{D19}{tin}$	ne		
= 69X = 92Km/h Ratio of Speeds						
= 69X = 92Km/h Ratio of Speeds			= 3/4			
= 92 Km/h Ratio of Speeds						
Ratio of Speeds			= 54			
Ratio of Speeds			= 92	Km/h		
	Ra	tio ok				
Car		U	Car.	The		
			27 :	A		

3:12	
184	
so, the train is moving u times	
faster than the cas.	1
6 (d) Solution	
500001011	
length of each side 15cm	-
perimeter = 5 sength of each life	
EVAN	
$= 5 \times (15)$	
=75cm	
so, the perimeter of pentagon is	
Q7 (q)	
I-Q (Intelligent Quotient)	
I Q is a number which represent	
a person's reasing ability. It	
is determined by dividing a	
person's score on special test	
i his/her ago in multiplying	
py 100.	
IQ = Mental age _ MA	
chronological age ca	



Median Assange data 20, 21, 21, 22, 23 Median = 21 Range 20,22,21,21,23 Range => difference of maximum and Range = Max. value - Min. value = 23 - 20= 3 Q7 (d) Solution Amount invested by Tahir = Rs, 15000 700 12 months invested by Amount Umar = Rs . 30,000 7 months 408 Amount invested by = RS . 45,000 goz y months Total investment = (min's investment) + (Tahic finvestment)+ (Usman's investment x 12 x 4)

Ineal	investment = (Tahis's investment + (Umas's investment x7)+
	(Usman's investment x4)
	= Rs. 15,000 x12 + Rs. 30,000 x 7 +
	Rs. 45,000 x 4
	= Rs. 1,80,000 + Rs. 2,10,000 + Rs. 1,80,000
	= Rs · 5,70,000
calcul	ation of share of each person
Tahi	s's share = Tahir's in estment Total & off investment
	$=\frac{1,80,000}{5,70,000}\times 4,06,000$
	= Rs·1, \$P\$,000
	= Rs · 1, 44,000
Uma	$8's$ share = $\frac{Rs.375000}{5.10900}$
	Rs. 1,52,000
Usma	n's share = 1,80,000 x4906,000
-	= Rs. 1,20,000

