

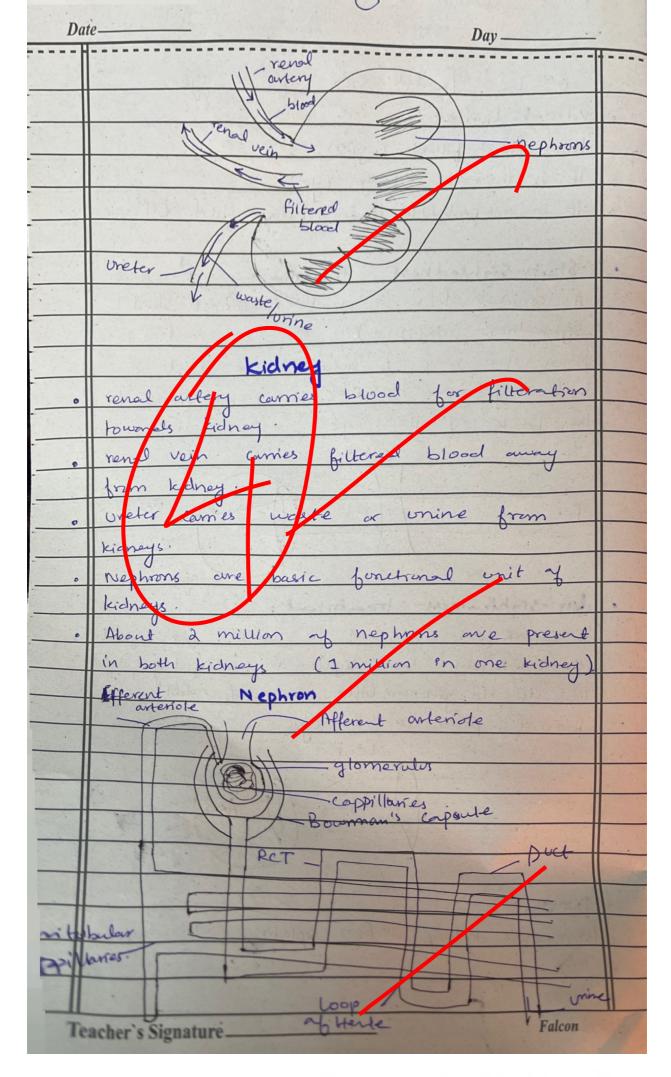
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Datemovement of pupil. Opening and closure of popil manegal by lois. Popil: It is a small hole from which the light enters in to the eye. lens two responsibilities of lens. · reception of light. · responsible for forming of light wares. · Retina : - It is the major inner most or most of the Sensitive layer of the eye. retine contains coms and rods it which also contains photoseceptors it it. is At the retira of the lege the light was will be converted into image. . ophic nerver a) optic nerve pick image from reting. toansmit 11 towards boain and recognized · Sclera. of the Schern is the asermost layer which 95 mainly responsible for the protestion of the eye. · Choroid, Alt is little thicker and realish layer. the Cappillaries present in choroid choroid in mainly nesponsible for the nowishment ~ · agrows homor: buil fikel region or path pregent Teacher's Signature_

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	3	
Da	nte——— Day———	
	at the frontal side of the eye.	
	vitrous homer =	
	It is fluid filled region.	
	It is inside of the eye	
- 3	It is responsible to maintain fluid balance	
() 15	Ch to Chatadanse through the	7
	Short-Sighted ness treatment:	A 18 18 18 18 18 18 18 18 18 18 18 18 18
	A concove lens is used to correct short	
	Sightedness (myopia). the concave long	
	pushes the rang of light forther agent so	
	that they arive together in proper focus at	
	the back of the eye.	
	Retina .	
	eye	
	far - sighteness treatment:	
	A convox lens is used to correct for-signted	us
	the convex lens bened light rays stight by	:
	Inwards to give a little bit of additional	
	focusing power to the eye	
	lens.	
		1-1
	And And	
	/ eye	
-	M in 3 (h)	1
/	ONO 3 (b)	
4	How does kidney works? Explain with diagram	
-		

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Dat	e
	ALAN
1	Function of Mephron
	apperent arteriole carries blood to nephrons
227000000000000000000000000000000000000	apparent arteriole carrier blood to Glomander.
	Glomenilis is a culister of cappillaries
e	Glomerulus is supported by cup like Structure
	known as Barmoni's capsule
	filtrate will move downward through
	tube like structure which divised into 3
	types.
->	Proximal convoluted typule (PCI)
	The transfer of the state of th
	water reabsorptions.
->	loops of henle
	Sodium chonite reabsorption.
\rightarrow	Distal convoluted tubule (DCT)
	The state of the sold that the sold the
	other minerals redubsorption
0	filtrale touvels from these tubes
	→
	waste.
	clean blood present in Germen les leaves
	from efferent arteriole
•	It is further divided into three structures
	known as panisbular cappillaries.
	It reabsorbs the water, salt nel other
	minerals from (PCI, Loop of hence 1 DCT)
	clean blood en peritubular cappillaries, goes
S. Colins	from kidney through senal artery.
	waste filtrate ving goes out from wreter
13	to orinary bladder and gentleman further removes
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(D)
Date————————————————————————————————————
Urethra.
(NO 3 (L)
Itow black holes are formed?
Black holes.
Black holes are regions in space
where an enormous amount y moss
in packed into a tiny yolome: this craves
grantational pull so Stooping that not even
Night can escape they are created whom
grant stars collapse, and perhaps by other
methods that are still unknown.
collapse of star
due to Slow down of Jusian realt on
Internal pressure is decrease All the
matter of stars comes inside and
donnity in encrease in less space.
-> Au stours home internal pressure
(outwards)
-> granity of Stor (Inwards)
Internal pressure (+ Star -)
opposite / gravity
granty pressure.
1.008
-> they balance stor when one of
them imbalance it results in collapse of
Star . Italian and the start of
S. A. C. S. L. A. L. B. C. S.

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Day Ono 3 (d) what are isotopes, isobars and isotones? Give examples of isotopes of hydrogen. 1 Isotopes: An isotope is a variation of element that possesses the same atomic number but a different mass somber. A group of isotopes
what are isotopes, isobors and isotones? Give examples of isotopes of hydrogen. 1 Isotopes: An isotope is a variation of element that Possesses the same atomic number but a
what are isotopes, isobors and isotones? Give examples of isotopes of hydrogen. 1 Isotopes: An isotope is a varietien of element that possesses the same atomic number but a
Give examples of isotopes of hydrogen. 1 Isotopes: An isotope is a variation of element that Possesses the same atomic number but a
An isotope is a variation of element that possesses the same atomic number but a
An isotope is a variation of element that possesses the same atomic number but -
possesses the same atomic number but -
at any element will always have the
Same number of protons and electrons they
will differ in the number of neutrons hald
by their respective notine.
2 Example of hydrogen Isotopes
those elements which have same atomic murrher or different mass number are called
isotoper there are three isotopes of
hydrogen:
- Protion it
Jeutenium 7H
-> tritium 3 H
Hydrogen 1 Hydrogen 2 Hydrogen 3
mass number = $1 m_1 N = 2 m_2 N = 3$
3 Isobars
Isobans are atoms of different Chemical
elements with equal atomic mass values.
Amy member of a group of atomic or nuclear
species all of which have the same mass number - that is the total number of protons and hections
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4	150 sones	(b) South
	any of two or more	Species of atoms
	or nodes that have	the same number
	of netrons.	i cantall y
1.	90e 1 Chlorine - 37	Separation of the second
	Potassium - 39	A Contract of the Contract of
	Egyptic Residence (Alexander)	The state of the s
	QN05 (a)	
	Distinguish between &	PAM and Rom, also
	define Nibble and USB.	
	RAM	ROM
	· temporany Storage.	· Permanent storage
	· Store data in MBs.	· store data in GBs
	· Volatil	· Non - Volatile
	· used in normal	· Used for Startup
	operations.	process of computer
	· writing data in	· writing data in
	faster	Slower.
_ 2	Nibble.	The second of th
	In computing and	igital technology, a
	nibble in four consee	the towny digits or
		byte. when reffering
		that the first four bits
		ts, which is why a
	nibble in sometimes	referred to as a half-
	byte.	2 May 1021
-	USB	(vx n)
	universal serial Bus	
+		s data exchange and
#		selween many various types
Ш	of electronics.	A STATE OF THE PARTY OF THE STATE OF THE STA
E	eacher's Signature	Falcon

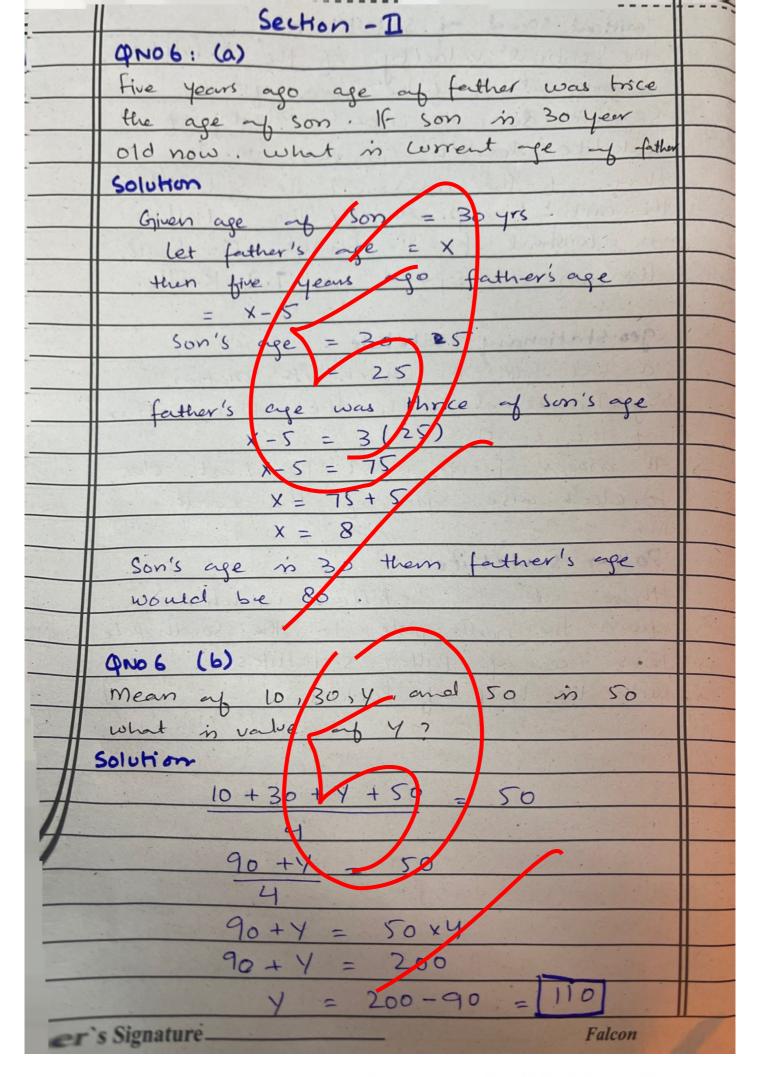
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Date Day	
over all, At has revolutions and the world	::
by Improving efficiency i personalization	
and decision making across industries	
Paring the way for a more adured	
and connected fotine.	
9NO 5 (C)	
How does an optical fibrer work? write	
Some of its advantages,	
Optical fiber:	
It is the study of properties of light	
and 9th propagation! this Study known as	1
OPtics:	
Definition:	
these hre the thrend like stoands of	
glass which are used to toursmit light	
Signal from one point to another point.	
in daily life commination.	_
working of optical fiber:	_
optical fibers yorks on the principle of	
total internal reflection. when light rany strikes at the Internal	
Surface of office fibre called such that	
incidence angle in grenter than critical	
angle, them ineidnt light ray reflects	
In the same median and this	
Phenomenon repents.	
(NOS (d)	
What are critical speed of logshots.	i
Sakellite? Differentiate Geo stationary and	
Polar Satellites.	
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1	critical speed of satellite:	
	the critical velocity of the Satellite	
	is independent of the mass of the	
	Satellite. Bo, the critical velocity of	
	satellite doesn't charge with the	
	change of the main of the satellite.	
	the critical speed of the satestite	
	is constant for the Planet. For Earth	
	the critical speed is 7.9 Km/h.	
		1.2
	ges stationary satellite	
	a satellite en which its motion is	
	Synchronized with the Spin motion	
	of the epith	347
->	It moves from pest to East due	
	to clock wise spin of the earth.	
	Pollar satellite	
	these are the Satellites which moves	
	from the north gote to the south pole	
4	less use of pollow satellites	
	with the help of Rocket.	
	The state of the s	
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	Teacher's Signature Falcon	
-		The second

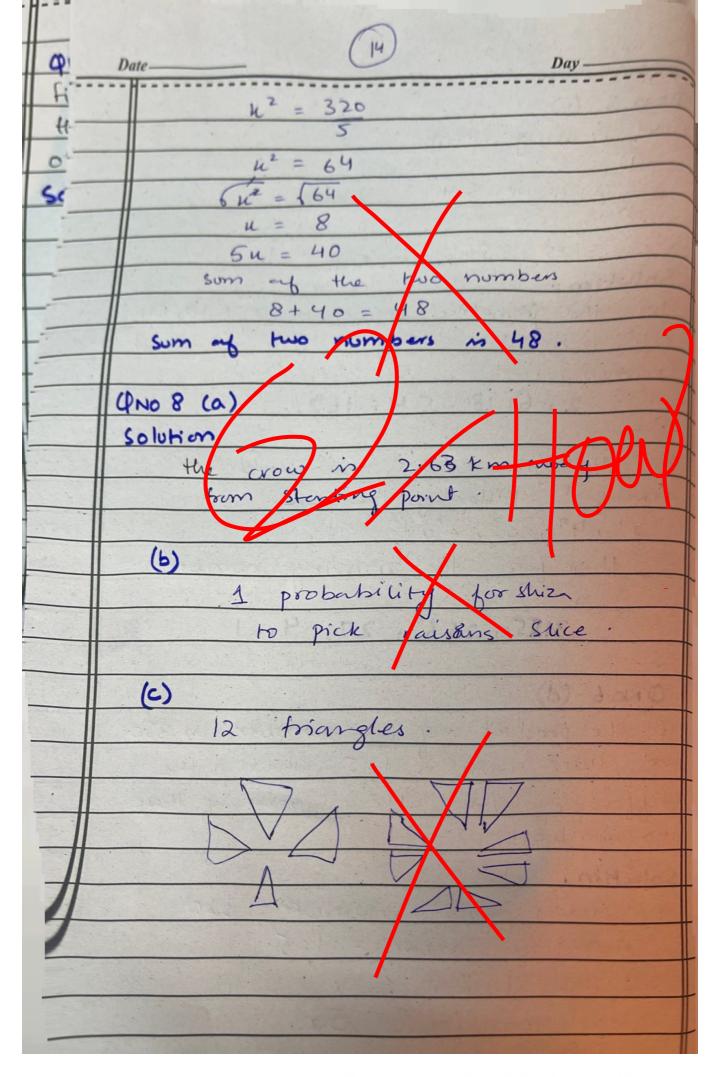
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Date	
QN0 6 (L)	
find missing terms.	7 9 9 9
2,6/18,54	7.35
(2)	
3125, 25, 4, 1	
Solution:	
10 In the reometric Sexuelee 2/6/8,54	
the ratio is alway 3, thus is called	
Common ration	
2,6,18,54,162	
1 In the given series numbers are	
In the given series numbers are arranged following the role 54, 44, 33, 22, 1'	
there fore the missing number	
3185, 256, 27, 4, 1	1
3183 } 236 } 27	
QN06 (d)	
If the product of two numbers in 350 and their ratio is 1:5 what in the	
différence 5/2 the squares of those	
two numbers.	
Solution.	
the product of two number = 320	
Ratio of number = 1:5	
let one number in X	
and another is 5x.	
=> K × SU =320	
$= 5n^2 = 320$	
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