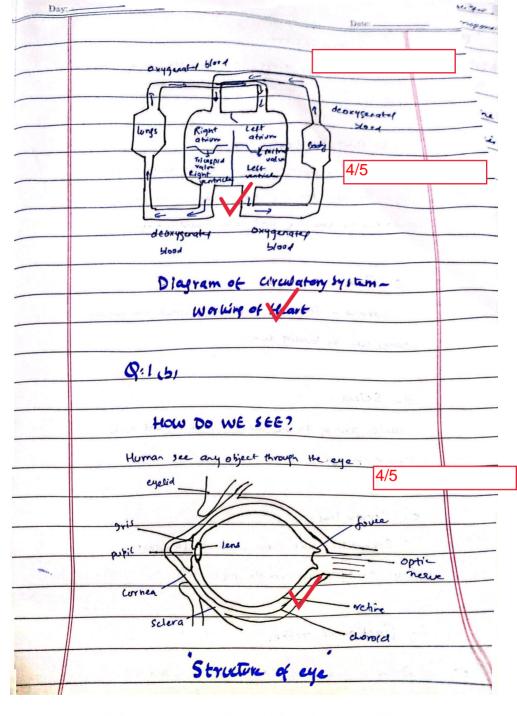
Date:	
Name: Bakhlawar Zahra	
LMS 33/8	
the granting of and begin blooded to an	
Q:1(a) Explain the working of human heart	
Ans: HUMAN HEART	
Human heart in the part of human circulatory system.	
It helps to pump blood around the hody and supplies exygen	
and hutrients to all part of the body and the Carries the	
wate and Carbon dioxide through blood vessels away from	
the body.	
Circulatory system of human body consists g	
a- Heart	
5 - Blood	
c- Blood vails.	
and we are the start for the sea have	
Structure of Homan Heart:	
Human heart in a sac like pumping agan.	
It encloses in a double membrane falled pericardial.	
cavity. The muscles of heart alled cardrae muscles	
There are four chambers of human heart.	
Two upper chambers called atria and Lower chamber	
called vertricle.	

Day:	Date:	
	WORKING OF HUMAN HEART	
	CMS SMI	
	a. The de oxygenated blood from the parts of the	
	hadd comes into right athem through two larger	-
	being superior vena cava and interior vena cava.	-
	a december of a test of the second	
	5- The right verifice ation conducts blood to the	-
\$ 1 m	right renticle and it condupumps blood to the	
19	patmonery artay	
	The second of	
	1- The pulmmany artery comis the blood into the	
	longs and pick fresh oxygen and eliminete	
	Cauban dioxida	
	Prod value	
	d- The oxygen victor blood passes from the lungs	
	to the heart through the pulmonary reins, which	
	emptis into left athium:	
	It expects in a doubt running collect projection of	
	c - Blood passes from the left athium into the	
	left verticle, from where it pumped into the	
	aurta, the body; largest arteny.	
	d- small arteries that branch the aurta	
	distributes blood to the whole body	
11		The second secon



Scanned with CamScanner

	a - Iris: Function	
	Colored part of eye. 9+ controls the cize of the	
A	hobi(.	
	5- Pupil: Function	
	pupil is davis circle inside the centre of the	-
	cyc. The dark hole is affected is shape by the ins a	
,	it controls the amount of light to be prouded into eye	
	Siele north	
	C- Function of cornea:	
	Cornea is important is focusity what the homan	
	beings see. by bending light	
	(d. 1.0)	
	d- Sclera	
	white part of the eye and it is protective and outer	
	layer of the eye of something and something	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
II.	e_ Convex lens:	
	Behind the lens, there is conventions that	
	focus the uphtimays upon the retine	
	andow Alerroll	
	f. Punction of retine:	
	Retire is inner most layer of the eye and contains	
	pheto receptor cells. These phetomoeptor new cells	
	- भण-२	
The state of the s		

Day:	Date:	
	react to the presence of light and intensity of eight	
	and send impube to the brain through the optic news.	
	The part of refine sensitive and responsible for	
The state of the s	readily vision is called macula. This are is responsible	
	for clear visia. 2309018	
	-ottolegists.	
	g. function of optic neave:	
	Optic new talus the integration from the retine	
	as electrical signals and deliver to the brain where this	
	information is interpreted as a visual image	
	· The optic news contains budle of one	
	million neure fibre	
	mulation man martine supplied to interest fallowers	
	h- Rods and Cones in Restine:	
	Rods: Rods are responsible for precieving	
	Rodo: responsible for night vision and	
	Side Vision Towns	
	Rods and comes convert the light from the	
	retines into electrical impulses which are sent by optic	
	news to the brain, where image is produced.	
	i Mawla:	
	The central part of retire is celled manua	
	that five central vision needed for activities like chiving	

Day:	Date:	Day
	reacting and working on computers.	
	The sum of the started will also the started started to	
	Q: 1 C	
	The second secon	
	BIOFUEL 2.5/5	
	1e A Definition	
	Biotul is a liquid, also and louis tuch that are	
	on sinoted from bioman Bloman energy retent to the	
	obtaining energy from borning would, plants and organi-	
	metter.	
	1 C. 8 Bio Fuel: Smportance	
	Biother has oxygen love of 10-45 pc making the	
	It has many importance due to their advantages	
	a - Bis fuels one less expensive then sasoure	
	and other fossil field	
	b- Bio fiels are renewable source that in	
	environmental friendly and been reoponities	
LAT.	of for climaje change and the state	
	co Bio fuel can be easily available.	
	It is made from different sources like	
	manure, waste from crop and plants thet	
	are reactify available and it cost	
	ettertice and later and the same and the sam	

	Day:		Date:
	*	d- Bio-fuel emitts fers Green Ho	use Gases
		than other in frees.	126
		PLANTER U. AND MICHOPOLOGOUM	(8133
		1 C-C	24133
96		Production of Biofuel	0.
		a. Arst generation bioduels:	Doming
		There types of biofrels for deli	
		Sources like starch, sugar, anime	
		and vigetable oil	mount and
		e exalcher je gler	i archota
		b- Second generation sinfuels	70,900
		These are derived from lignoce	ellulosic mass
		a made of the same	
		Cr. Third generation biofuel:	an elemento has
186		It is desired from algal bioman	4
		way against the walter anguar	
		a-fourth generation bis fuel.	
		It is produced from bis conversion of	ling organisms
		using biotechnological took.	ra obsesse mand
		material Copyright (3) pel 1 de sesson.	real departs of september 1
		the baryon in a received the	

	0-0	wall could be allowed	18. A 109 K
	The state of the s		
		RENKE BETWEEN U	
		PLANT CELL AND I	MI CIGOORCANIZA
	CEIL		
	_	Andrew of Coluct	
	Animal	Plants	Microorganism
	Cells	Cells	cells.
1	Cell wall in	cell wall is present	It contains
	absent and	that is made	Veel wal
	cellularin	up of cellulose	
	absent	January Some	by to M
	C.C.	are derived from lignoreli	3/5
2-	(yto plasm is dense		Cytoplasm is
	old occupies more	pushed in puriphery	sel like matrix
	spau	and form thin	Composed of
		living against he	waler emzymu,
	•	celi wali.	nutricut advant
	hurrania fability	to an absolute or of the substance of	ang a gill
3-	Small vacuolis as	The central space	The vacuoles are
	present that an	- y occupied by	essential uptopleum
	responsible for	the single large	ingafellis thet
	excretion or	vaude	are performing
	Seerctra		fretion eg
			Storage, digestic

Day:_	Date:	-
	4-Nucleus in presentant Nycleus in present microorganism	
	he centre byt not in the generally lack	
	Centre: nucleus.	
	5- Plastido are absent Plastido am plastido am	
	proset arear	
	Served Vic Land News Sevent Dates Land	
	or some more many many mands of extra company	
	Q.2	
	A	
	Importance of Remote Security in	
	Increasing bevel of SOL and NOL are	
	Considered as threat because these are responsible	
	for the production of Acid Rain	
	These gases when combine with the	
	rain than are responsible for the production	
	of acids that are responsible for the degradatia of	
	biological lives on earth	
	Ascinos, terrio Mod	
	2 To move the comment of from the	

Day:		
	Q:2 <u>c</u>	
	The second secon	_
	Remote Sersing	
	Remote sensing is the science and technology	
	by which characteristics of interest can be identified	
	without direct contact through ground based, airborne	-
	or space borne sensors using parts of electromagnetic	
	spectrum	
	Importance of Remote Sensing in	
	Emironmental Science:	
	3.5/5	
	a - Remote sensing is used in conventional military	
	radars the source man at 8 man	
	5 - Remote sensing a unadoir observing a broad	
	arce at a time	
	c- To Icnow the condition and environment	
	without direct confact	
	d-30 imagery for examination of topegraphy,	
	forest, crops, land pourage, water quality	
The Sal	e - Monftony and consequation of resources,	
	it is used	2