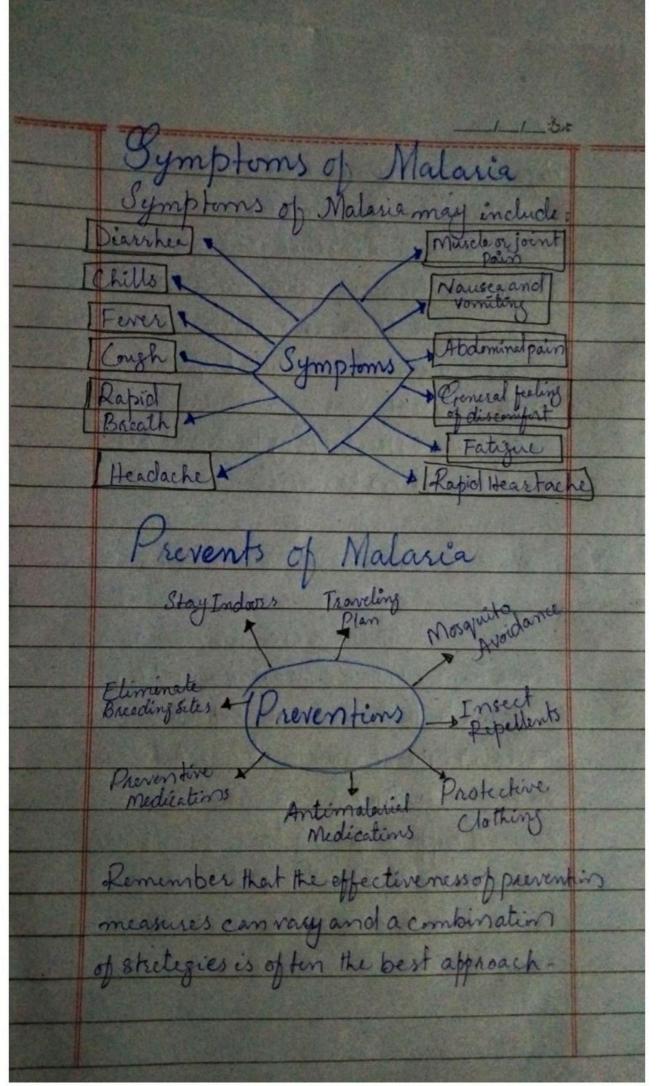
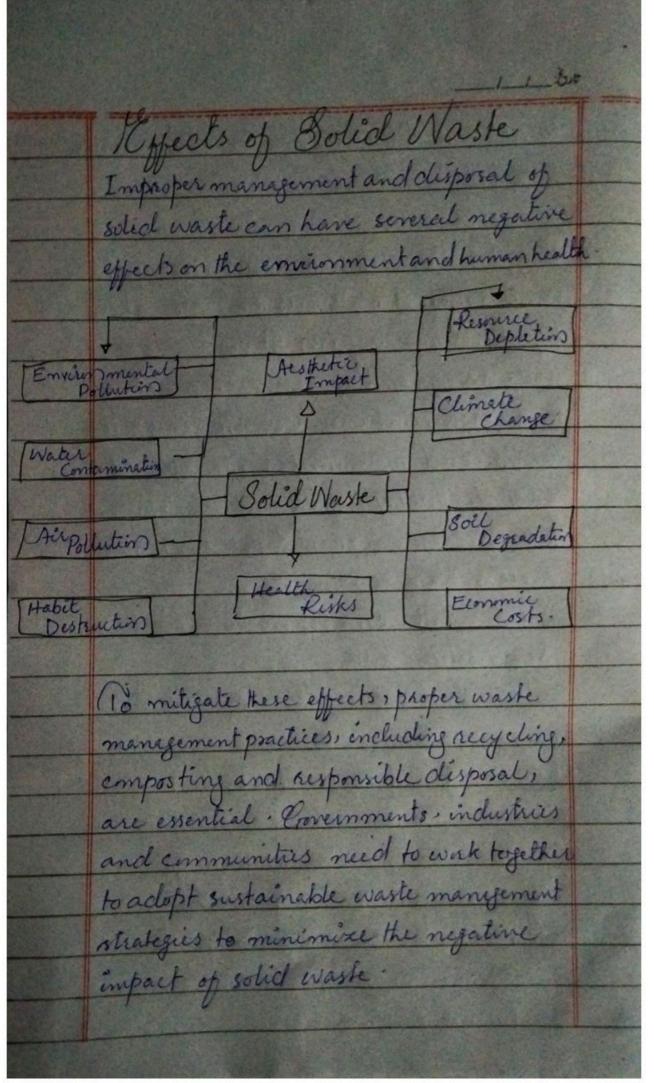


Describe the structure and function of the Human Eye. The humaneye is the sensory organ of the body. It is a complex organ that is responsible to provide senony information in the famof visuals. If helps to see the things. Structure of Human eye Retine and Reals Vitrus Huma Its structure can be broken drun into several key parts. i) Comea: ( the transparent outermost layer that helps focus light onto the retine. 11) I ris: The colored part that controls the amount of the light entering the eye through the papil. iii) Pupil: The opening in the center of the iris

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""	These signals are then transmitted to the brain via the optic nerve.
iv)	The brain processes the signals to create
	the visual perception of the surrounding
	environment.
1	
(C)	What are the Biofuels? Erive its types
	and advantages.
	sources derived from organic materials.
	Plant waste: Carbohydrates rich sources-
	Animal waste: drugete.
	Agriculturad waste: Oil rich, Oily plants.
	Types of Biofuels
1	Biodierela Bio-Ethanol
	(Bioquels)
A Tree	
	Biogas
	(There are several types of biofiels, including:
i)	Bio-Ethanol: (This is made from cropstike
	an, organian and other agricultural products.
Carrier S	It's often mixed with gasoline and used as
The Street	

	an alternative just in vehicles. Ethanol	
	reduces quentruse gas emissións sandis	1
	relatively easy to produce -	
li)	Biodiesel: Produced from regetable, oils,	
	animal jats, or used cooking oil, biodieses	
	can be used as a substitute for diset fuel- Strs	
	Less polluling than toadional diesel and	
	provides lubricity for engines.	
:0)	Bio-Gas: Created through the breakdown	
iii)	the income this anditions.	
	oporganie matter in anaerobic conditions,	
	biogas primarily consists of methane - It can	-
	be used for heating, electricity generation	
	and as a rehicle fuel.	
	Advantages of Biotecels	
	Advantages of biofuels include:	
<i>i)</i>	Renewability: Since they are derived from	
	organic materials, bioquels cambe replenished	
	relatively quickly componed to forsilfuels.	
ii)	Reduce Greenhouse Gras Emissions:	
	Bioquel's generally release ferver greenhouse	
	gases during combustions, helping to mitigate	
	climate change.	
11:1	Energy Security: They can reduce.	
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Exire structure and punctions of the almosphere. Structure of Atmosphere The Earth's atmosphere consists of several layers, Exosphere each with distinct punctions and Earth Characteristics i) (Inoposphere: This is the Lowest Layer where weather occurs. It contains about 75% of the total atmospheric mass and is where we live and breathe. Temperature generally decrease with altitude. ii) Stratosphere: Above the troposphere, the stratosphere contains the ozone layer, which absorbs and scatters ultraviolet (UV) radiation from the sun. As a result, it helps proket lifeon Earth harmful UV rays. Mesosphere: (The mesosphere is where ui) meteors burn up upon entry creating the phenomenon of shooting stars". Temperatures here decrease with height, making it

plants during photo synthesis. There are just a few of the many functions and complex interactions that the Earths atmosphere contributes to. What is Green House Effect & Prive its significance. The green house effect refers to the process by which certain gases in the Earth's atmosphere toup heat from the sun, creating a warming effect these gases such as carbon dioxide and mathane act like a "blanket" around the planet, allowing sunlight in but preventing some of the heat from escaping into space. This natural phenomenon is essential for maintaining a liveable temperature on Earth . However, human activities, such as burning fossil fuels, have increased the concentration of these gases, intensifying the green house effect and heading toglobal evaining and climate change