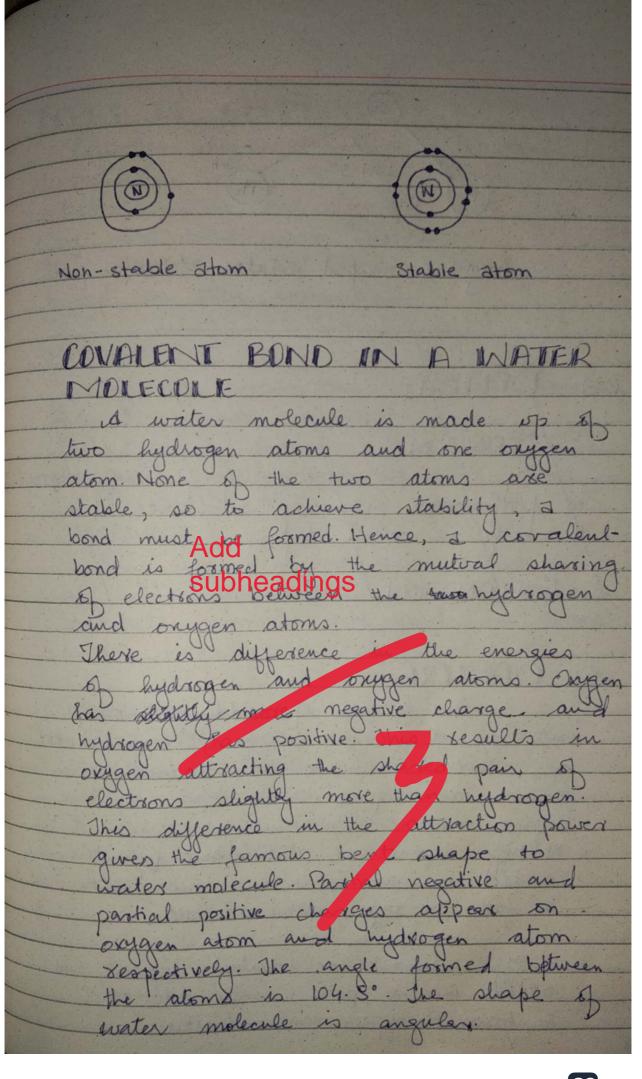
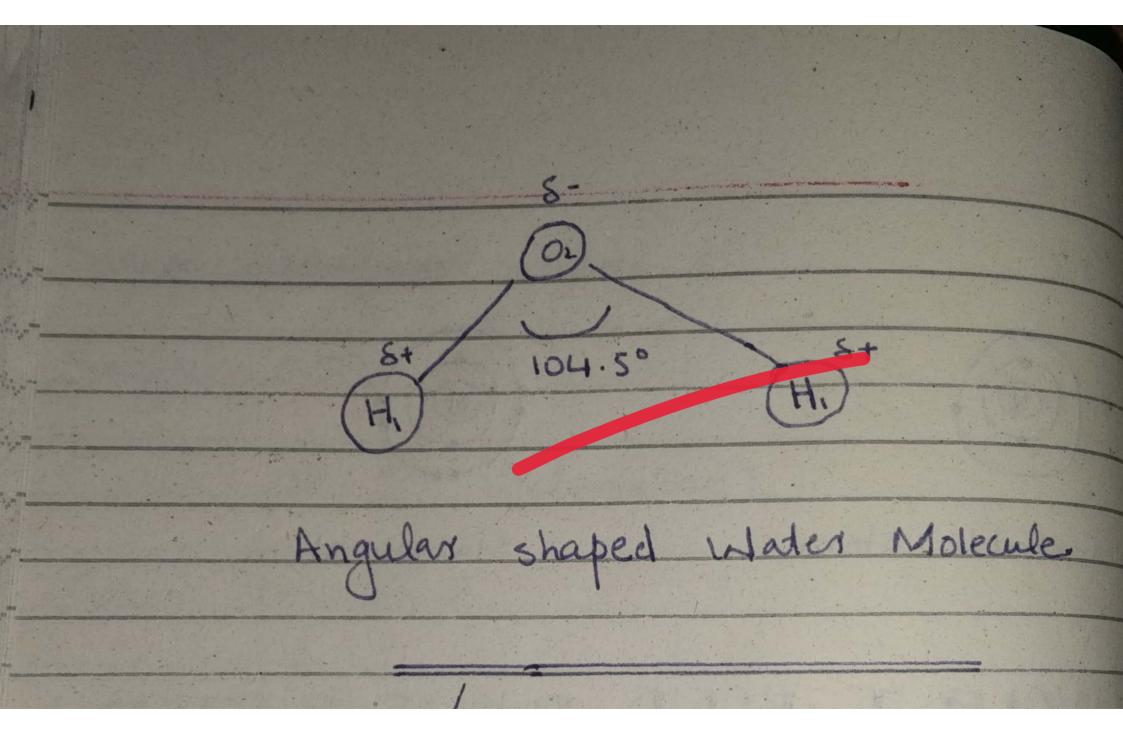
Dos and Don'ts for Generaral Science & Ability
Paper
Hi there, you've done well. Know that acquiring knowledge is one thing and
Sweeproducing it in paper according to what's
asker is another. The eare a few thing
Baty ale Pit 270 Wightight
2 1. A 5 marks part requires at least 2 and at
1. A 5 marks part requires at least 2 and at max 3 lides of a paper. Know that here can
Dabe two or toge parts of a question and their
marks the divided accordingly So, address all
of them in a first manner.
2. Focus on time management. You get 35
minutes to solve ppe suestion and about 8
minutes per 5 mark part. Manage your time
accordingly.
 You need to understand that your paper is
supposed to look more scientific than
theoretical. So, add flowcharts and diagrams
where required state. This is done
4. Your handwriting and neatness can be
really impactful. Avoid outting and overwriting.
5. Focus on your spellings and your grammar.
Here, in GSA there's no deduction in marks
but your expression will be finitely create an
10 10111
impact. done either by the complete
6. In ability portion, give explanation for
analytical ability question in words. You need
to understand that a compark part requires all
steps written and explained dings
Good luck for CSS 2025. You're gonna rock in
sha Allah. :) CamScanner







The process of adding some impurity atoms in a purse semicon in order to enhance its conductivity is known as doping. Doping can be done in two ways: i. N-type dopant or pentavalent opant is added in an intrinsic semiconductor to form N-type semiconductors. 2. P-type dopont or trivalent dopant is in a pure semiconductor to form P-type semiconductors.



TYPES OF CERAMICS: Ceramics are materials that are devoid of non-metallic and min-organic substance. They are typically made from clay and other raw substances. They can be divided into several types based on their composition. 1. EARTHENWARE. They are porous and low-fixed ceramics They are made waterproof. Such type of ceramics are used in every-day pottersy, and decorative items 2. STONE WARE. They are den, non-porous and fixed at higher tempe tuxes than earthenware Stoneware resamies are used in dinner plates, mugs etc. 3. PROCELAIN. They are I shly seled white and transducent frames fired at very entreme tem seratures. It is us in fine china, tiles cu electrical insulators.

(in) GLOBIAL WARMING ejeobal warming is the long-term encresse in Earth's average temperature et has impacts on various elements. and include both its mexits and demerit. . MERITS OF GLOBAL WARMING Following are the ments of global warming. a ENHANCED AGRICULTURAL PRODUCTIVITY: With the increase in global temperature, the warm season stretches in time. This results in longer growing season and nickeased agricultural goods / products. b. ENERGY SAVINGS. milder and short duration winters help in the reduction of heat energy consumption c. NEW SHIPPING KOUTES: As the Arctic snow melts, new shipping routes are discovered. This leads to lower feel consumption and shorter and better shipping soules.

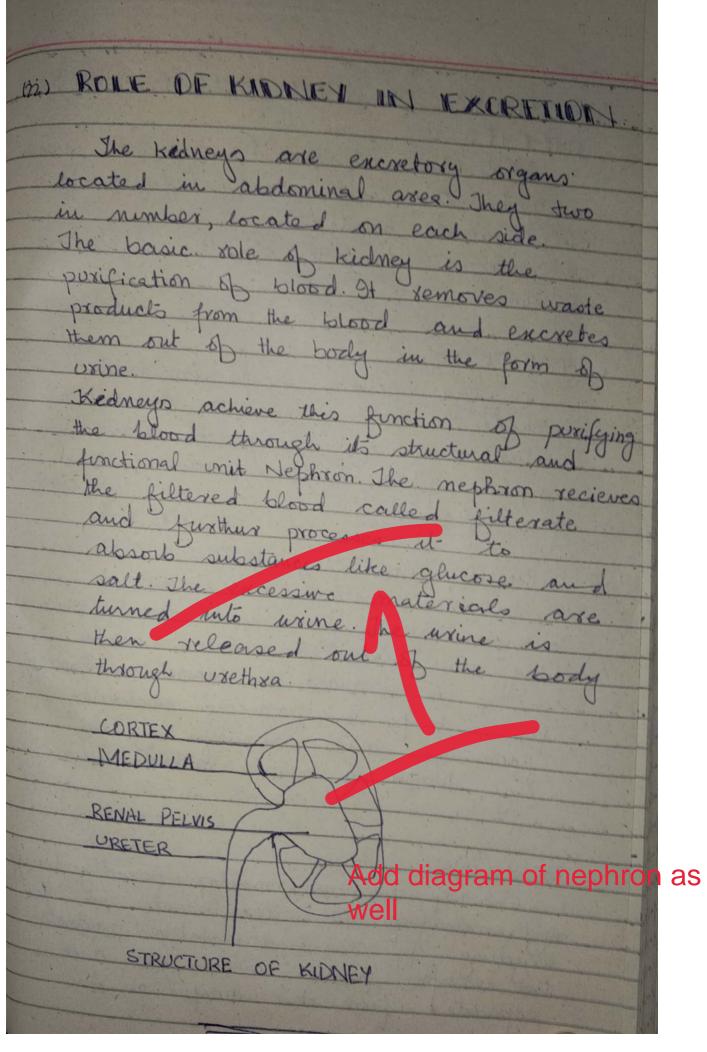
1. JOURISM OPPORTUNITIES: Iraditionally colder regions tend to have longer summers and less terrible cold weathers, which results in a greater tourist influx. . DEMERUTS OF GLOBAL WARMING Tollowing are the demerils of global warming. a. HIGH SEA-LEVELS: is the snow melts, the sea levels rises causing threats to lowlying coastal countries. It also poses danger of floods. b. HEALTH RISKS: Due to high temperatures, risks to a healthy body increases. Heatstrokes, water-boom diseases doubles in their number. C. EXTREME WEATHERS Due to high temperatures might changes in the envisonment occur. Weather patterns drastically change causing hurrian heat waves and floods. The 2022 floods in Pakistan are the result of global warming.

d. BIODINERSITY LOSS: Increased temperatures disrupt the Rabitat of animals and plants. Forest catch five sesulting in loss of natural habitato of many living creatures. (iv.) POLIO Polia is a vival disease caused by the visus. It affects the nerves in the spinal cord and the brain stem. It leeds to paralysis where the patient cannot move certain limbs. It also causes breathing problems. In severe cases polio can also couse death. It is caused by three variants of poliovisus i.e wild poliovisus type 1, 2 and 3. This vival disease is treestable by taking its vaccine of vaccine is not taken, the concerned person can be attacked by the vixus. POLIO ERADICTION CHALLENGES IN PAKISTAN: exadicated from Polio virus has h the whole world rept for Pakistan and war to explaniotan. Many hurd are faced in Patristan in the javoney of exadicating this vival subheadings

disease from the country. The main reasons include the conservative mentality & people. People fear that-vaccinating their children against the disease may pose potential threats to the future health of the died including the reproductive health. Another of Pakistan. Low immunisation process can also be linked to the poor infrastructure, making difficult reach to far-flung areas. There are many challenges for wiping out the disease from Pakistan. The governmen must take measures to made the masses about the importance of the immunization as ast- polio vivus.

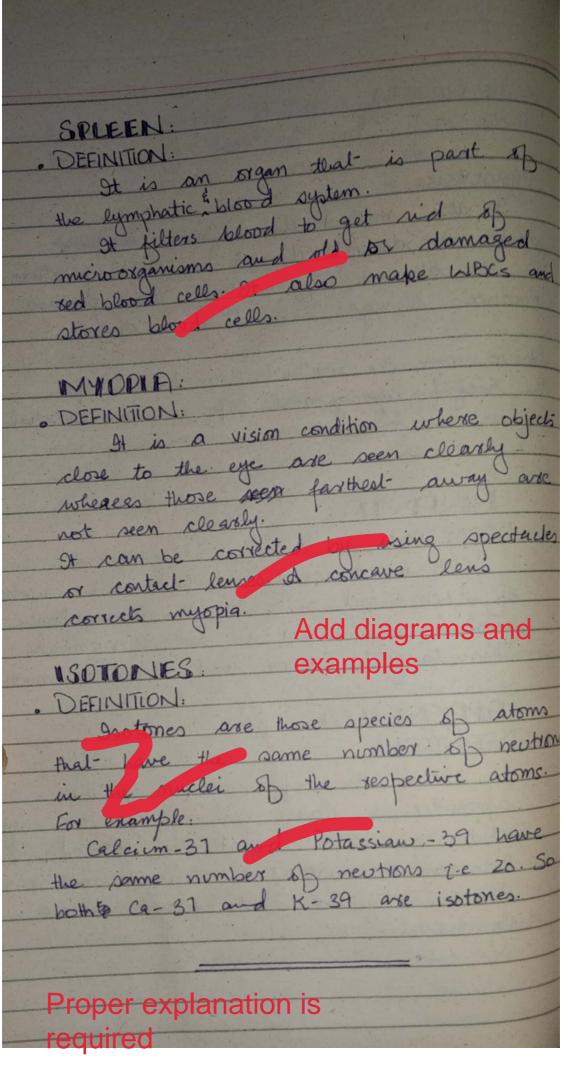


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(i) BILE:
DEFINITION: Bile is a greenish-yellow secretion released from the liver. It is passed to the gall-bladder for storage and transportation to the concerned body organs.
Bile juice is composed of 95%. Bile juice is composed of 95% of water which has dissolved solid particles include particles. These solid particles include. Bile salts, bilinghen, fats, fatty acids, bile salts, bilinghen, fats, fatty acids, cholesterale etc. 9+ also includes inorganic salts and environmentAdd diagram
FUNCTIONS OF BILE: The functions of liver joice include: 1-9t helps in digestion of fats.
2- It breaks down large fatty molecules into smaller one
3. 9t helps in digestion of proteins because of the presence of protein disting enzymes.
4. 94 also carries away the waste product.



(3)) METHODS OF SOUD WASTIE MANAGE MENT: Solid Waste Mangement involves various methods to handle and dispose off solid waste materials. Following are some of the effective 1. LANDFILING: In this method waste is buried methodical math manner to prevent contamination of underground water supply system, minimize odows an gas emission. a. BURNING THE SOLID WASTE. In this method, the waste is burned at high temperatures. In this way the volume is reduced energy is produced. The Waste - to - Energy process helps in producing electricity tige dumps of waste made. 3. RECYCLING: One of the environmental friendly ways of managing the solid waste is of non-biodegradable products. For example; plastics, metals etc are seperated from the dump an

products are manufactured from them 4. Pyrocysi, Add diagrams In this method the organic method waste is decomposed high temperal in the all original ship temperatures produce syngs, bio-oil and char. the useful mangement- of waste materials. (iv.) ANEMIA. . DEFINITION: It is a condition where the number Ened blood cells or the hearmoglobin level in the blood is below normal. This targets women and children mostly APPENDICITIS: · DEFINITION: It is the inflammation of the appendix. It cause pain is located right abdomen, where at are is located. It can be couled by various infections in the digestive tract caused either by basteria or vixus.



PART-III 01 V= TX2 h = 3.14 (900) x(100) = 3.14 x 90,000 cm3 V = 282, 743 cm 72. Solution. 2. The average age of the three boys 15 yrs. Therefore, the sum of their ages divided by 3 equals 15 => 3x+5x+1x = 15

