Section #1 Question 2 O. Differentate Between climate and Environments. Climale: Attempt all parts of questions Attempt 4 questions **Enough length Enough headings** Draw fine diagrams Environment: Environment is a surrounding in which we living organims lives." Environment every thing succounding us it may bo ailifécal world and natural. Au Pollution e-Au pollution er at mospher pollution when all gases contain gases , dust on how is laked postuted an. gauses of Air pollution in Parcistan:-1) Human Activity: Tuel bruings for ful for transportations electricity generales and aucrapt is he main rause of an pollution in falkislam Labore cities is nantes among the world city of world. a) Deforestration: Human cut the forest - lo full full their needs. It also major cause of air population in Pakistan. Mostly, Backward area of Pakistan

the trees for throse the five, it generate smoke in the air. So human activity is desponiable for deforestrution.

Urbanization:

then the pollution population of whan area.

then the pollution population of whan extress Proceases. So people starts the cutting the trees. Dependence in By deforestation carbon monoclionaide belased in air and cando cause a au pollution

Rapid industrilizan: -

Rapid Produst sulization is the one main cause of air pollution.

for examples thermal Industries lelease So, Alox and Cor in the air of Simplerly, sleets and fertilizer industries releases the gases into the air. Every inclusiones beleases the worst gases in the atomsphere which distrub our natural environment.

Exuption of Wildfue

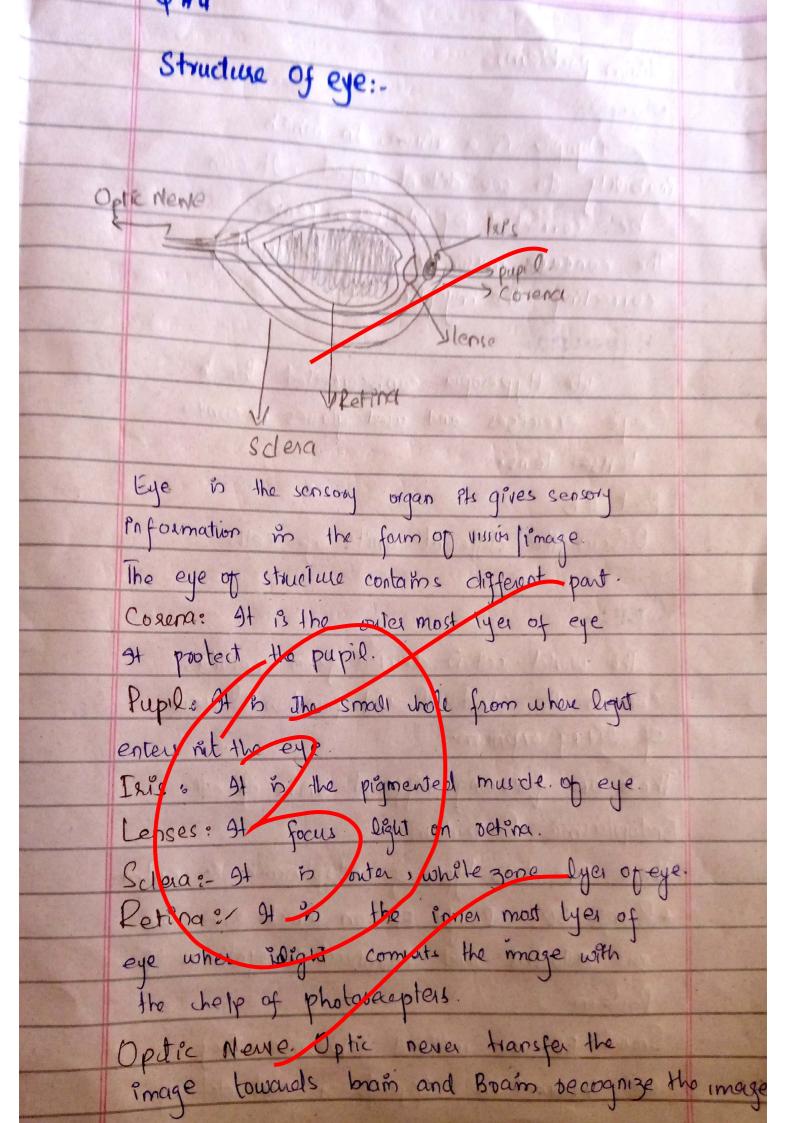
In Parislan due to wild fire the chimate tempulature has been changed. Due to these wild fire heat, cor and Ash emits in the atomospher and absteut the balance of eco system.

6) Wrote a note on vitimen and their vole in Human Lody Vitamins: Vistamine are organic substance that only found in living organism. The body cannot manufacture vitamins. They must be supplied by diel or suppliments. It is essential for normal function of Mody lypes: There are two types of Vitamins. 1) foit-soluble violamins 2) Wald-soluble vitamins Fat-soluble Vitamine Pat-solute retarmins Producte An Do E and le water soluble vilanis Includes vitamins B and C. Our body only store fat soluble Vitamins. fat-soluble Vitamins Vitamins - A Victamin - A Ps also known as Retional, this name to given bic of participant in the function of letina of ey. 9t is essential for growth, vision

and newe opeye. They also help in immorane system and growth in deproduction. Souces: Vitamin A-Animal Source of uttamin a are liver, eggs and oil. etc Plant soucces of Witamin A are sweet, potatoes , carred etc. Deficiency:-Depiciency of ritmin A creates a usin problems and night blindness. It also exped human growth. Villman. D:-Violimans D'is a fat soluble vitionans It is essential bones and teeth. The major function of Vitmiuns of to maintain blood level in body. Sources: -Sources of vitamin D are much soons, regetable and sunshine. Vitamin K. It is essential for ublood clothers and bone healing. The source of vitamin 1 80 vegetable Vitamin E: UPtamin E is essential for healthy or

Hair and slow down the process of aging. The main source of vitment E one. devid print and mille Water Boluble vitamins: -Vitamin B : -UPtamin B have vPtamins B1 , B2 , B3 , B4 BS , B6 , B7 , B9 , B12. The Virtumin B complon is required for immune system; reproduction and growth of hairs and skpn. Source. The source of witamins B are fish, milk oranges, fruit, nuts etc Deficiency :-The deficiency of vitamin creates different problem like skin dieases, cheilis and Beri-Bei Vitamin C:-It is also water souble vilamin. It is sequired for growth and separa of body tisse. VPtamen : C is essential for healing the word and repairing the bones. Souce:-Sources of vitamin c are tomatoes, stamberies and cabage etc. Deficiency: - Vitamin C depidency in body

alled sculy. Sculy is dieases lelated to bleeding from gums.



Vision problems-Myopia: inability do see distant object. It can be corrected by glasses or lense. The contexte mulos of lense is used for correcting the myopics Hyperopia: into Hyperopla carbiconsected through eye exercises and used glasses or conver Leuse. Lons. Part #B Discus the different units of cells. CEII:-The world call is decided from cellula. Cell is the structural and function al unit of Jinna outron. There are following affect units of call Enloplasmik Rectalism. There are two types of endoplasmic recticulm + Rough ER: Rough ER on which 20 bosoms one attached and Privated in synthesis of Protein Smooth ER one without riposome. They are Privated in Orpids, and detoxification

of harmfull drugs. Ribosomes:-They are small tiny about 20m in diameter. In 1955 plade discarrenthis There are two types of Ribosomes present in chuman body. Ribsone 70s and Ribsomes 80s. * Ribsome 70s are present in Prokroyles * Ribsome 80s one present in Euroyks 2) Ribosoms Golgi Appratus. Copiqi Appratus was discoversed by Comillo gologi in 1809. It consist of member bounder sacs called cistera. Protein which synthesis on RER transferred to golgi appratus where At is converted into finished products. Mitochondlia: . It is lenow as power charse of the cell They are different on different cell. It is sesponsable for all a crobic respuration 97 contains a large number of enzyme which are responsible for aerobie responsible As a result of Aerabu respiration

the energy is exacted from organic food and transferred to nich compound adenosine - Triphosphe and this energy is pransfer to cell. *** - Appropriate -San Barrey Jeans CASH S - SEA CO DO SERVICE STATE OF THE SEAL OF THE SE THE RESIDENCE OF THE PROPERTY OF THE PARTY O