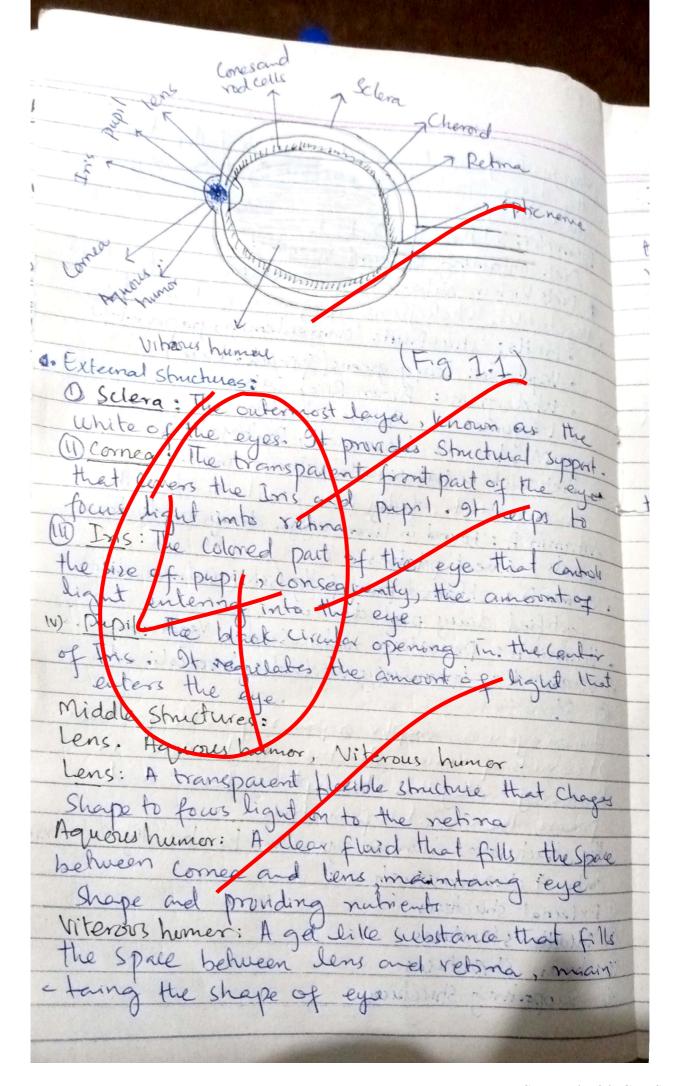
QNOZ. Insufficient length Umate Change is Work.in paper presentation
Draw diagrams and developed Work in math portion developing Countries wike Pakistan are more vulnerally as Pakistan her suffered a huge financial and social loss due to the consequences of climate change in the form of flooding. It is a critical moment for global stage to have a reality check of the prevailing issues. COP 28 is going to held from 30 November to 2 December in order to discuss the climate related issues and possible solutions under the theme "Unite, Act, and Deliver". It also includes climate financing. As Paristan has faced more than \$40 bm loss, so cop 28 will help the country to secure funding for climate delaptation and mitigation probject with the help the Green Climate Fund. Thus Pakistan can have benefits from the adaptation and loss damage finds. @ Water soluble and Fat soluble vitamins: Water Soluble and fat soluble Vitamins are the two Calegories of essential nutrients that play Important role in various physiological functions. The primary distinction is based upon Solubility characterstics. Water Soluble Vitamins: O Solubility; water slubbe vitamins dissolve in water 2) Storage: They are not Stored in the body to a Significant extent, wasly excreted in Unine. Any required duily consumptions. (3 Examples: Vitamic / and Vitamin B Complex Fat Soluble Vitamins: 1) Solubility: For soluble vitamins dissolve in fats (lipids).

DStorage: They can be stored in body's fatty trissues and the liver and their excessive intake can lead
the liver and their excessive intake can lead
to toxicity.
3 Examples: ViteAnin A, D, E, K
nets Containing Different
Diets Rich in Water-Soluble Vitamins includes, fruits,
Moodables, Wholegrains, legumes and meat.
· Fruits: Citrus truts (blanges, temas, 19ray) es e. 1.0)
10 alchor loafy greens (sinach, Kale)
while avaince how kill, ours
neans, tening
Marte lean meat, tout
Dets vich in Fat-soluble vitamins includes: eggs,
doing products, fathy fish , buts seeds entre.
acting products, fairly from cary products,
· Vitamin A: Found in liver, eggs, diary products,
carrots, Sweet potatoes. Vitamin D: Obtained from fatty fish (Salmon e.t.c) Colicial diam product sector
· Vitamin D: Obtained from four
, fortified diary product sections, Vegetable oils
Vitamin E? Present in nuts, Seeds, Vegetable oils
Vitamin K? Green leafy vegetables, broccoli est.c.
O Structure of Eye Human eye is a complex organ responsible for vision 9t consists of various shactures that work in
Human eye is a complex organ responsible in
Human eye is a complex organ response work in 9+ consists of various stactures that work in
The all the second
process the visual information be broadly cate
The structure of human eye Can be broadly Cates into A divisions. Such as:
the smettere of
into 9 divisions. such as:
into 9 divisions. Such as: (U External structures (2) Middle structures (3) Inner structures
6) Middle structures
3 Inner Structures (3) Supporting Structures
as supporting structures
(4)



Internal Shuchues: Retina: The inner most leyer at the back of eye that centains photoreceptor cets (rodand cones) responsible for detecting light and transmitting Optionerve: The bundle of nerve Visual information from retina Supposting Structures in chiefes their disk, feer glands, eyelids and eyelashes. Thus the process of vision involves elight, converting it into electrical to the brain via oppineere for interpretat The brain process Hiese signals into m and that ive percieve Draw a flow chart of different Parts Brain: Brown Hand Br mid Brain Fore Brain ibic System Cesamum Thalamus Hypothala gadala Septum Docampus Corebellon pons Modulla

Brain is the complex and vital organ of human body It plays as the center of the nervous syst Coordinating various bodily functions and processes. It consists of three major p. as mentioned in the above diagram. QN63. Global warming The metaphorical expression of a Global warning as a wild beast in highlights the challanges an Complexities passociated with the issue. Global warming is a wild beast because of its lomplexity, intraconnectedness at global scale riconnectedness at global scale upads delayed consequences h challanges, technolo -gical and economic dependencies along with political and policy challanges. It is the intreate complex web of global warmy that is a multifaceted and interconnected various environmental, Boyal, economical ad Political factors. The metaphor underscores the difficulty of faming and addressing the complexities of Hepatings? warning of emphasizes the need for a collective and Sustained effort, acknowledging the challages Posed by the scale, interconnected ness and the diverse contributing factors to this global issue.

2. Origin of Universe and age calculation of Universe. The origin of Universe is a complex and theoretical topic in cosmology. The prevailing suchity which Suggests that the Universe began as an extremely hot and dense State about 13.2 km years ago and has been espanding ever since. Evidence is hubble's law: "All the galaxies are moving away with a certain receding speed (Vo = Hr) evidenced Galery 02. Vo= Hr Study theories of original speed (freely morning speed) "x" is the distance between the center of the two galari-O Singularity Sexponsion -> (3) Formation of matter -> 4) formation of Structures. - Singularity. Age of Universe zt=1 "Ito" is the hubble's If t= 13.7 bn of years Constant. then Age of Universe would be estimated. 3) Semi Conductors: Semiconductors are a class of material that exhibit the properties that are interpediate between Conductors (metal) and insulators. Semi conductors are playing a pivotal not in the development of electronic olerices that has revolutionized the modernworld.

Diagrams? Key Characterstics of Somiconductors: Conductivety renergy band structure and They have selectrical conductority between conductors emed insplators. The bothomas of electrons Semi conductors is a fren described by model. Moreover, Semiconduct can be medified through the process doping in which a small amount impunity is intentionally added. Applications of Semicondictors can be seen in transistors, integrated circuits, diodes, Solar cells, light-emitty devices and memor derices estic As technology advances, there is a continors attempt for new Semiconductormaterials enhance performance and Capabilities:

d) Eclipse? Solar and luyer eclipse. An eclipse ocene when on lelestral owdy moves into the shadown another glestral body? resulting in a temporary darkenin. Obscuring the light from eclipsed bidy. There are two main types of feclipses such Solae eclipse occurs when the morn passos between the earth and the sun blocking part Wisibility: Solar eclipses are visible from Specking. regions on earth where the stoom's Shadow Types: Total Solar eclipse, parkal solar eclipse and Amulas solar eclipso. lunar eclipse occurs when the earth comes between the sun and the moon lawing earths Shadowsto fall on the moon. Mibility: lunar ech pses are visible from anywhere on the nightime, side of the earth where the mean is above the honzon. Types: Total lunar, Parkal lunar and Penumbral lunar celipse. The key differences lie in the position of celestral bodies, the visibility of eclipses, the frequency and appearances. Solar eclipse lunar eelipse. Moon between earth and sun. Sunand moon Position of celebrat body everywhere after Visibility Specific region Appearance observes daysine dayseness frequent comparehult. reddish hue on

