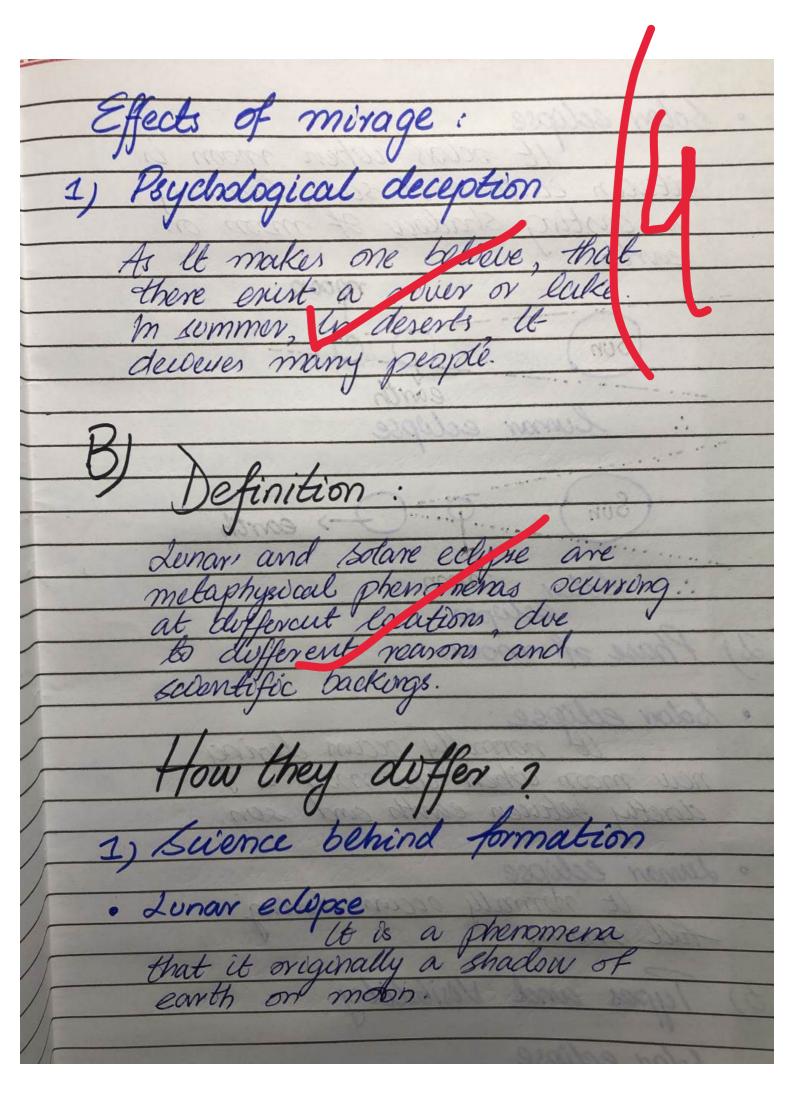
		symptoms of fat soluble vitamins.	
Q. No. 4.	(A)	What is a mirage? Describe in detail the creation of mirage.	(5)
	(B)	Differentiate between the occurrence of Lunar and Solar Eclipse?	(5)
	(C)	Briefly explain what effects are produced due to Rotation & Revolution of Earth?	(5)
	(D)	Most of the household appliances utilize 'DC' then why we generate 'AC' at power stations?	(5)
O. No. 5.	(A)	Differentiate between RAM and ROM.	(5)

Definition: Merage is a type of optical illusion or very cold recon. It is take pictorial view of something that not ever suist it summers, it shows a river in very horish heat from a certain distance How mirage is created? - Temperature radiant and refraction of light. As the matter of physics, light-travels very fast on vacum, than on water or glass. That is due to density of Objects and their refractore index. In same minner, principle applies on winds too. Thus light basels faster and straight on

DATE: ____/___/20__ winds texat are more deme than the winds that are less dense 2. Different refactive Induces of winds. As generally, in summers winds above the earth's servface are hotter and less dense than air in upper layers of atmosphere. Thus, when sunlight enter to words asome earth surface the turn its brojectory a bit and steer bourds different direction. 3. Optical Illusion created by refraction When wend is holler above earth surface and sunlight enten It from the arrent of eld werds, it reports due to the principle of repraction of light and two towards the human ye making him see an reflection of



· bolon eclipse

It occars when moon is between earth and sun, leavour a casting shadow of moon on earth. Sun earth lumar eclipse > earth :. Solar moon eclopse 2) Phase of moon · bolon eclipse new moon when the men is directly between earth and son. · Lunar eclipse 3) Types and Vosibility bolon eclipse

There are three types of solow adipse as total partial and annival. It is usible in day time for few mins Lunar eclipse
There are also three types partial total and penumbral à visible to every lanton on earth - not loke clar that to specific locations Moreover It may last for few hours. requercy of occurrence bolow eclupse avoind every 18 months. · Luran erlipse et occurs around turce 5) Bafety of viewing · bolow eclupse to connot be looked with naked eye o Lunar eclipse is safe tattermy the differences in a a naked eye tabular form preferably

Definition: Revolution of earth and notation of earth one naturally phenomena that are occurring in universe. Kotatom means movement of earth from west beast on ils anis. Levolution means movement dearth around the sun being on ets onis. What one effects produced by rotation and revolution 1) Effect of rotation a) Cycle of day and night-Earth notabon mours the from the sun causing might on western countroes and day

In eastern courtnes - region. b) lime - zones Time somes are created due to rotation. There are 24 time Lone's each differ at he hour. c) lidal effects Earth's routon influence bidal effects, altering ets patterns, executing high and low todes. dy Coriolis effect the is path of moving air and water. It is normally delletern to right in northern remisphere and to left in southern. e) Bulging at aquator Due to controlegal force, conthe 2) Effect of revolution as Seasons

He every 23.5° angle movement seasons are change differently on different regions.) Variation in day lengths And shorter on wenters summers a Constellation changes As earth moves around sun, it patterns. Definition AC and IC are types of currents that ove normally used on dolbric realms mey both differ as per their AC: Hernat : Direct current

Why At is produced when DC is consumed? 1) Transportation convernience: less loss of energy. Al current is len suscipliste Los loss as companes to DC. For this reason It is used on grid stations. 2) He is easily transformed bransformer for De currents one not generally reliable and used. transformed transforming from 11 KV Onto 250 V. 3) Generation and cost-effective AC generators are economical for contralized power plants that copply power corres evities. 4) Historical development and infrastructure.

Good answers!!