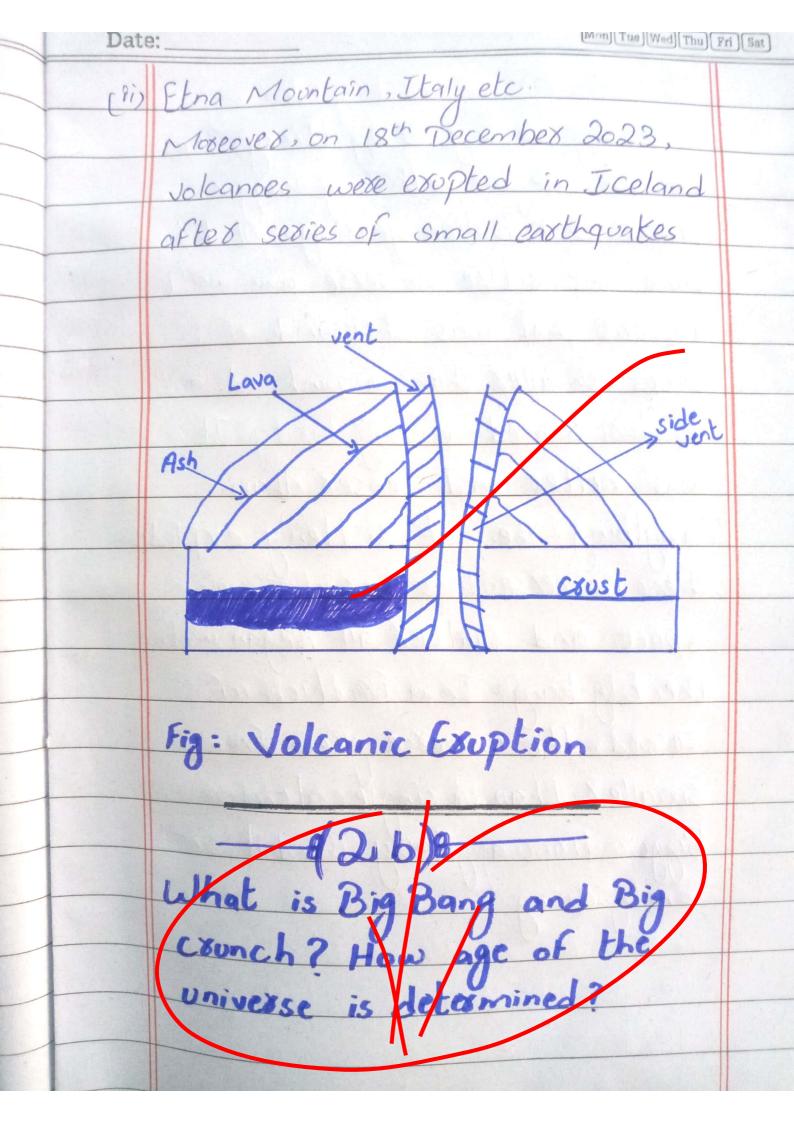
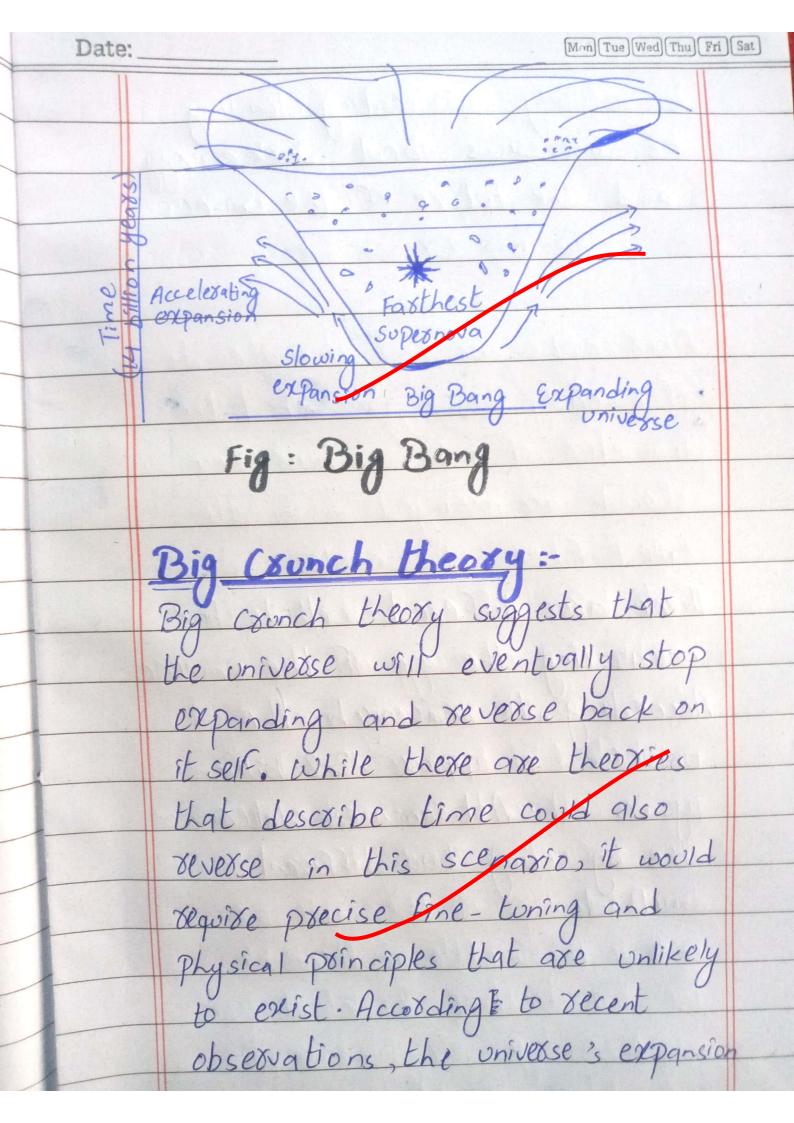
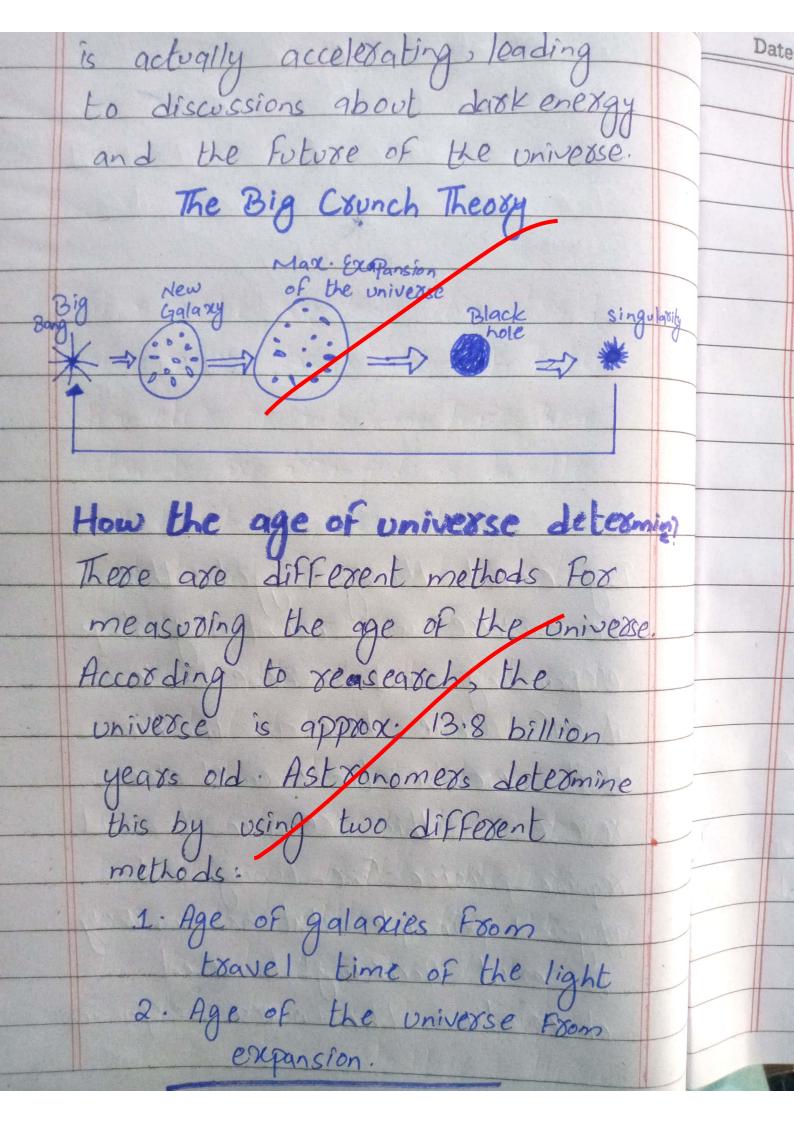
Past -TL Section-I Insufficient length Insufficient headings Work on math portion too Luestion: a. On 18th dec 2023 Volcano was exupted -- how vocanoes are expeted? Volcanoes are simply are opening or vent on earth is crust through underground molten matter-magma is expeted the density variations with the folcanoes when magma seaches on the surface of earth as lava, it cools and hartens in the form of done of coust. Most volcanoes appear along with the side of tactoric plates. tamples = (1) Pacific Ring of fixe includes two-third the woold's vokanops.



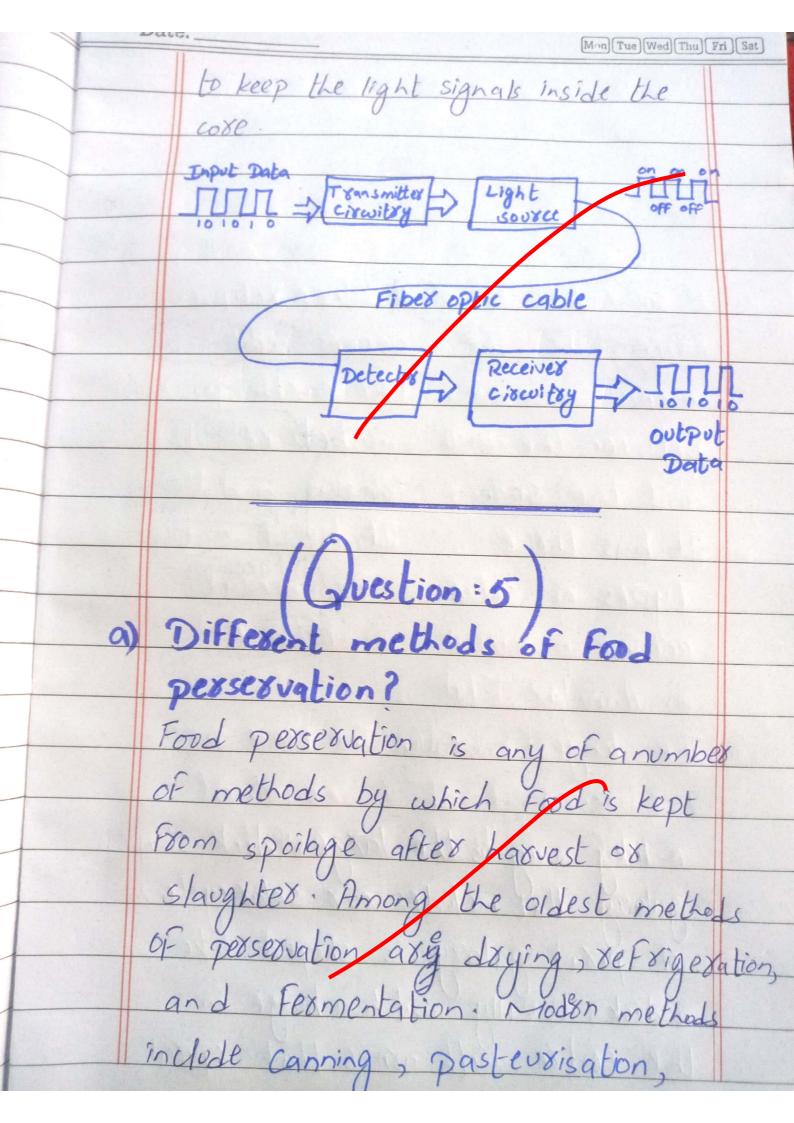
Mon Tue Wed Thu Fri Sat Big Bang :-According to Big Bong theory, the universe began with Big Bang about 13.7 billion year goo. At the time, the entire universe was inside a bubble that was thopsants of times smaller than a ninhead and it was named as gingularity. It was notter and Hersel othan anything. Then it suddenly exploded. The universe was both time, space and matter all began with the big bang. In a fraction of second, the universe grew from smallex than a single atom to bigger than a galaxy, and it kept on growing.





Discuss any five sources of Renewable Engy Renewable energy is collected from resources which are naturally replenished on a human timescale such as sunlight, wind, 8gin, tides, waves, and geothermal heat. Sources of Renewable energy:-Wind Power Air flows can be used) to you will tubbines Hydropower Energy in water harnessed Solar Energy) Energy From the son in the form of solar sadiation (Biomass and Biofue)

It is desired from (20) Optical Fibers: working of optical fiber: Fiber optics are long, thin strands of carefully drawn glass about the diameter of a human hair. These strands are arranged in bundles called fiber offices cables. Light bravels down a fiber optic cable by bouncing off the walls of the cable repeally fach light particle (Thoton) bounces down the pipe with continued internal missorlike reflection The light beam travels down the cope of the cable. The coxe is the middle of the cable and the glass structure. The cladding is another layer of glass wrapped abound the core. cladding is there

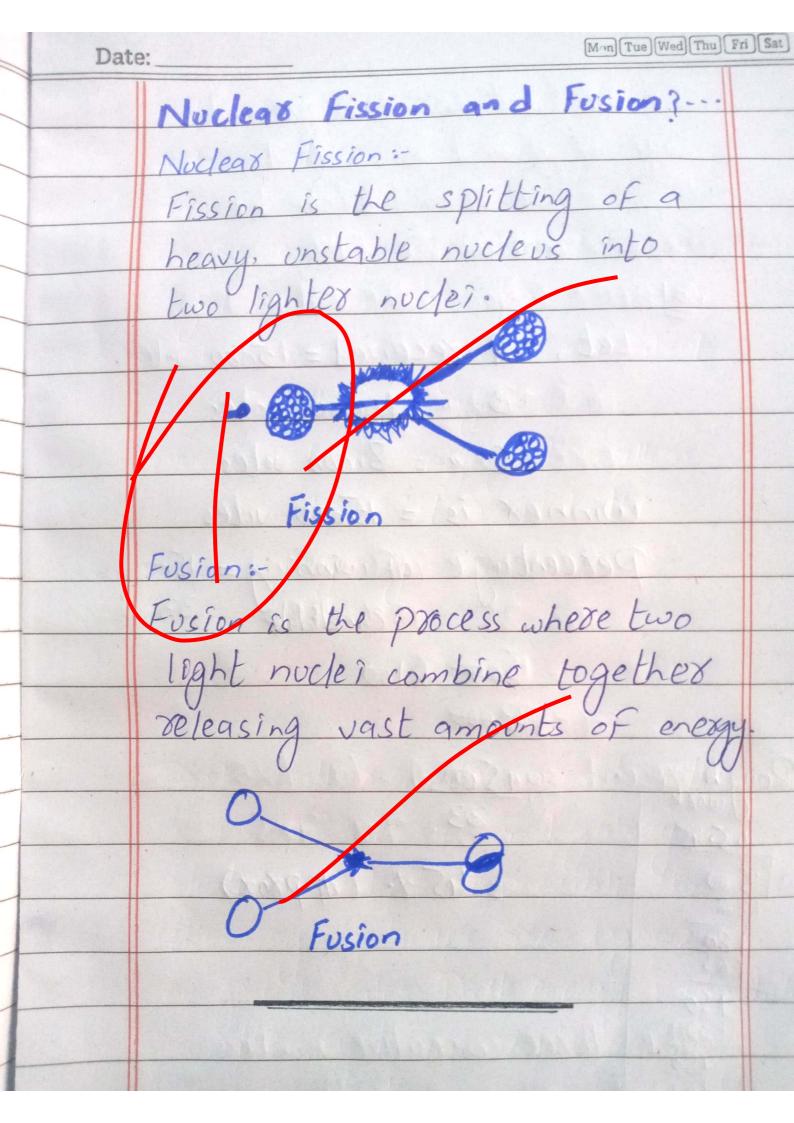


Freezing, ixx adiation, and the addition of chemicals. (old methods) Refrigeration Fermentation Todgen Methods Ixxadiation Milky way = Milky way is the large disk-shaped galaxy that includes our solar system. A spiral galary is shaped like a disk, usually with a bulge in the centre with arms that spiral

Mon Tue Wed Thu Fri Sat Date: nain features of Milky way Galaxy (i) The Milky way is about 10,000 light years in diameter (ii) This spiral galaxy formed about 13.7 billion years ago. (iii) Sun taked roughly 250 million years to or bit around the Milky way How dark matter if related to Cralazy? Give different pasts of Galaxy. Dark matter makes up most of the mass of galaxies and galaxy clusters, and is responsible for the way galaxies are organized on grand scales. Dark energy, meanwhile is the mysterious influence driving the accelerated expansion of the universe. Milkyway and Hodromeda

Date: ase the examples of galaxy. Solar Luner Eclipse Eclipse in A solar eclipse A Luner eclipse happens when the occuss when moon passes in the earth passes between the egoth, in between the and the sum! moon and the sun.

(ii) It has three It has two types. types of solar is Penumbral edipse is Partial (ii) Total Partial (i) Annulax Tatal (iii) The longest duration The time period is abound Hand is almost a half minotes half I an how (d)



(Section-II) Date: (Question : 6) a) Three candidates Let, A received = 15,000 votes B " = 10,000 votes C 11 = 8,000 votes winner is Percentage winning = 15000 xlo Rough 132

Date: Mon Tue Wed Thu Fri Sat Angles are in the ratio of 3:4:50 Let the angles be 3x, 4x,5x 180° ( sum of angles of triangle) = 180° Boys 54, Girls 56 Boyss &, Girls = 102 42 = X CORRECT COR OF ) 2 5 × 3 102

Date: d) The ratio between the present age of A and B is 6:7 Ages of A and B can be represented as 6x, 7x After 5 years, the ratio 7:8 (6x+5) 482+40 5 492+35 55% present age of A = 6x = 6x 5 = 30 you 4 B 5 7 X 5 7 X 5 35 485 (Question: 8) The three consecutive numbers: Let, a, a+2, a+4 a + at 2 + at 4 = 273

Hence, thee contrative odd numbers d) Let the ages of saga, Ali and their mother be xxy 4 2 62 = Z (i) 2 × 5 4 -> (11) 2+4+2+3+3+3572 2+4572-7111) Putting values of 2 and y in equili) x+2x+6x+9=72 92+9572 92572-9 92563 257 272 54 2(7) 5 y 57 y 514

Date: WHERE PROPERTY and the property of the second CI MANA MANA