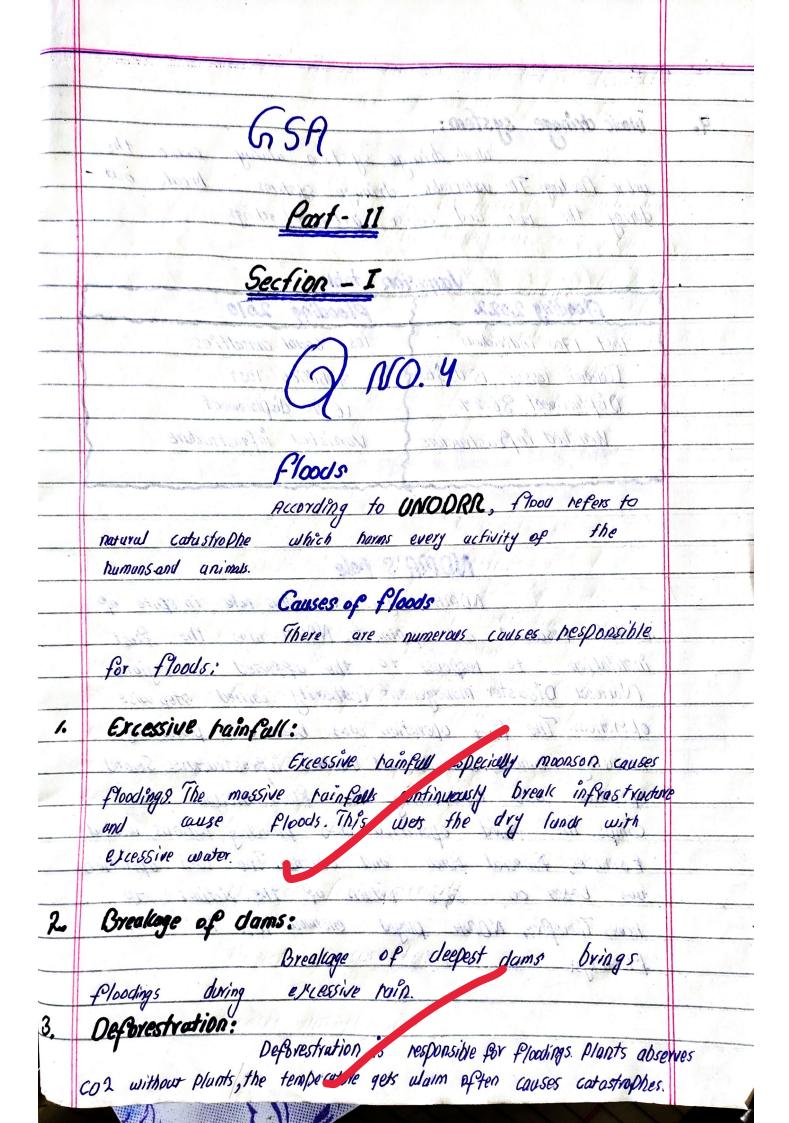
Q. No. 4

- a. What are main causes of floods? How floods of 2022 were different from super floods of 2010? Explain role of NDMA in this regard.
- b. Differentiate star & planet. How a star becomes a black hole?
- c. Why do atoms form chemical bonds? Explain structure of water.



4. Work chinage system: weak dringe system alway cause the unban Plandings. The vulnerable drinage systems break out during the rain and cause wrown floodings. Variation table Plooding 2010 Flooding 2022 les ausalties 10st 1700 individuals 7 bission lost Economic rasses 15 us form 16 % displacement Displacement 3. 2% Vunished infrastructure vanished infrastructure et with the MODRE THE LESS IN I To good a grant of the thing come or welling af NOMA'S role was land to NOMA played tremendous role in spire of nited pesources and equipments. NOMA was the first to response to the affected regions. i stitution Varional Disaster management Authority corried step wise e berations. The first operation was based on protecting, nescuing humans, animals and valurate infrastructures. Second operation was transferring the flood vicitms to camps. The third Der tion was providing nations, medical & services, Americal funds and education. The cost aperation was based on safe neturn of the victims to homes. Therefore, NOMA played envirous to le in the floodings.

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Attempt the differences part in detail by giving multiple points in a tabular

form

Difference between Star and planet

Stay is giant aspect which consists different gases. The temperature on stars is hot. Also, stars give lightness. Moreover, stars produce nodations: one of the most prominent example of a star is Sun. On the other land, planets also have different gases but a not produce lightness. The temperature on the planets is cooler than star. Moreover, planets ab not produce radations like of ars.

The process of sfor to become black hole

Some stars are six times larger than each known as massive star. Massive ctars have start spot of life, massive stars exist by the Mp of Hydrogen. The Hydrogen is existing in the core of the giant star massive star when the hydrogen get a end. The materials of blast massive stars become so dense attach does not allow anything to be emitted later, the negion of the massive stars become black hale.

(c)Atoms and formation of Chemical bond Atoms form bonds to complete its octet and duplet notes. In easy words, atoms form chemical bond to stable themselves Gater Strauture: water consists on oxygen atom and two hydrogen atoms. moluciue closeness structure of water Short and incomplete answer