## Question 1

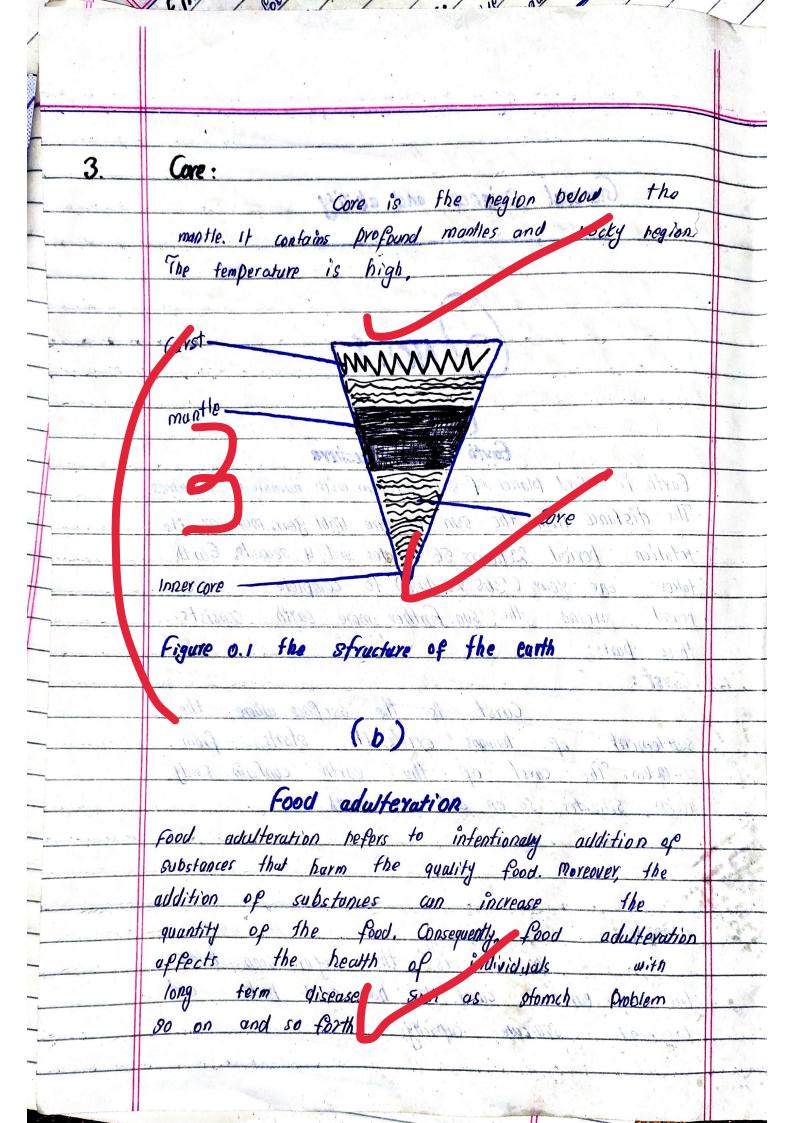
- A) Explain the structure of Earth. (5)
- B) What is food adulteration? Explain its causes with respect to Pakistan. (5)
- C) What are the possible disadvantages of unbalanced diet? (5)
- D) What are plastics and ceramics? (5)

## Question 2

- A) What are the rocks? Give its types and the process of rock formation. (5)
- B) Discuss Volcanism. (5)
- C) Give five uses of the following: (5)
  - i. Iron
  - ii. Potassium
  - iii. Vitamin A
  - iv. Calcium
  - v. Vitamin B-Complex
- D) Explain Proteins and its types. (5)

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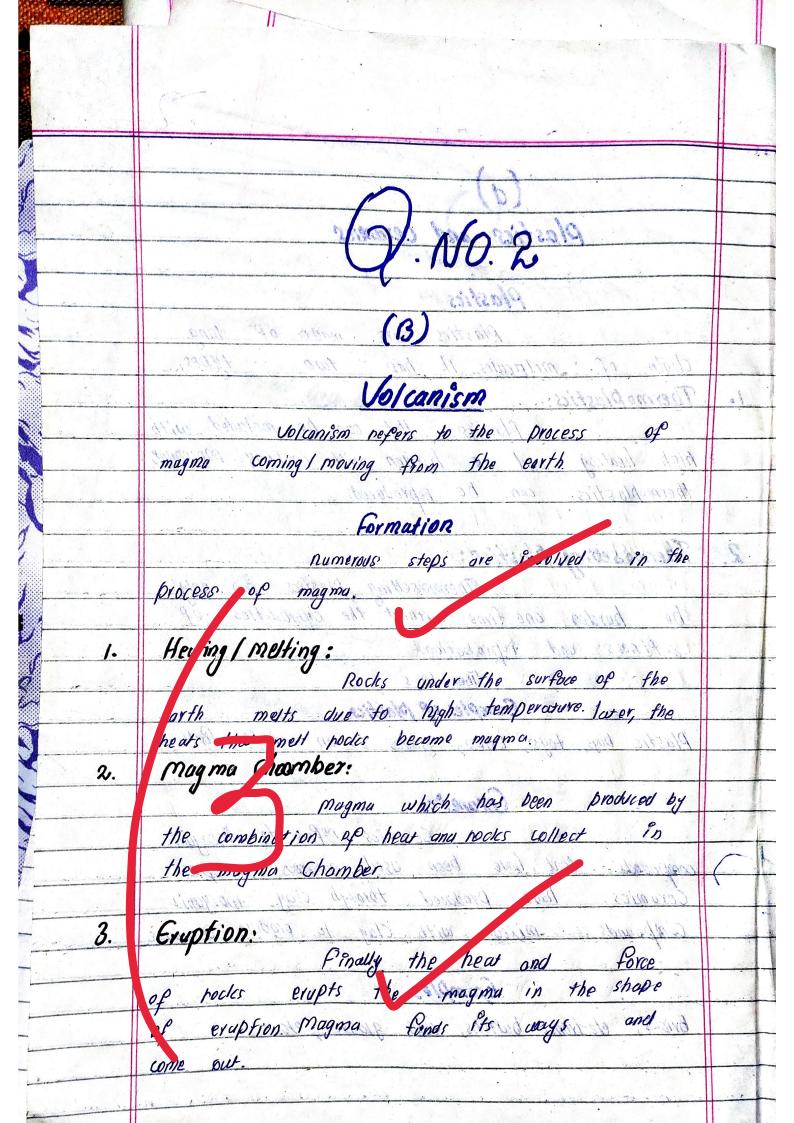
## General Science and ability NO.1 Earth and its structure Earth is third planet of solar system with numerous features. The distance from the sun is one light fear. morever, its rotation period 23 hours 56 minutes and 4 seconds. Earth takes one year (365.25 days) to complete one the surther more earth consists around three parts: Glys : surst is the surface where the sattlement of blooms exists. It starts from 7-12 km. The curst of the earth contain sandy rocks, silicates so on and so Both mantle: mantle is the later soon below the earth curst. It has solid hocks and profound Sillicate capacity



Causes of food adulteration in Palcistan According to Punjab Food Authority's report 2023, there numerous auses exist By the food adulteration in Polistan 16 Economic gain: partierna studies tone suction sometime Componies and services providers corry the food adulteration so as to gain profits. Companies do not Provide high quality foods due to less profits. Thus, in order achieve huge din the food Provider hotels, companies, and services pely on food adulteration Congrathy lade of prophil performance and Market competition: market competition in Poliston pushes the companies and sellers to comy for adulteration The food adulteration not only bring profits to the adders but also wis the competition in the mirket. Bonz Souvens: unsumer demand: to emintal room Cunsumers always demands for cheap quality of foods. The demands of cunsumers the companies to corry food and terration, push West intake of Virgonia of " marine Oliverses pour

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	unbalanced diet refers to improper intakes of ustamins, proteins and minerals. According to WHO, unbalance	ceel
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_	Chronic diseases can be consed	
	such as heart attack and FSHD ( musclus weakness).	
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	iv. Calgium	
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	iii. Vitamin R	
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	lead to night blindness and dry skin.	-0
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