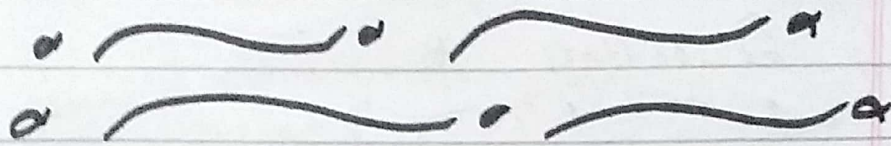


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### { Question A }

a) When rock is broken down by frost rain and sun, then they are a weathering process. ?

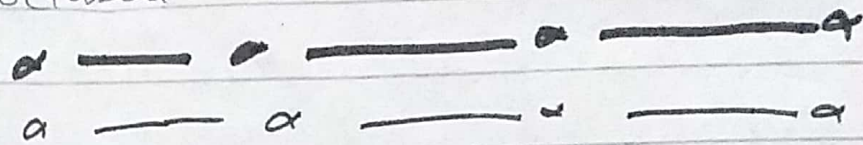
b) Grain size and Roundness

c) Once particles have been transported to a new area, they must be transformed from a collection of loose sediment into new solid rock. This process is called lithification.

d) Deeply buried rocks undergo two main changes:

⇒ Mineralogical

⇒ Structural.

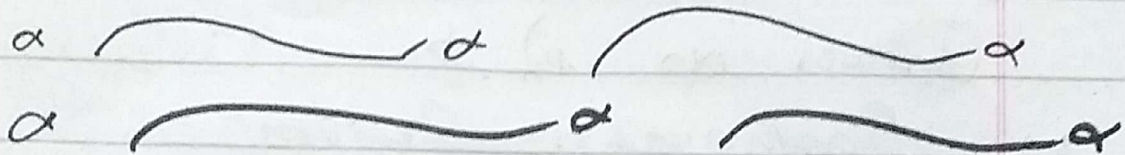


Question "B"



b) Sediment transport relies on water flow to move a load downstream. Water flow is variable affected not only by the local terrain (e.g. slope) but by water level which in turn is influenced by precipitation (or lack) thereof. Most changes in water level are to weather events such as rain fall.

- a)
1. Rounded pebbles and sand
  2. Sloping sand layers
  3. Angular boulders.



Question "C"



Ans: 1. The type of volcano which is shown in figure (1) is composite volcano and the category in which it fits to active volcano.

Ans. No: 2(a): Gas trapped in the magma cause the volcano to build pressure and is released with great violence when reaches the event.

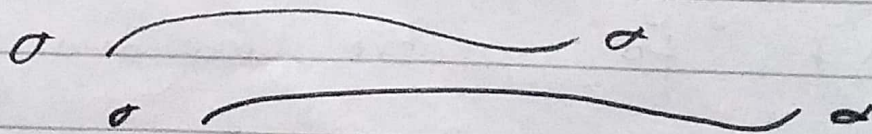
Answer no: ii) b

1. Earthquakes frequent

2. these are two questions which are below

1) Threat to life of humans e.t.c

2) Ash particle penetrate.



Answers: D

- i) → Weathering  
→ Erosion  
→ Erosion  
→ Weathering

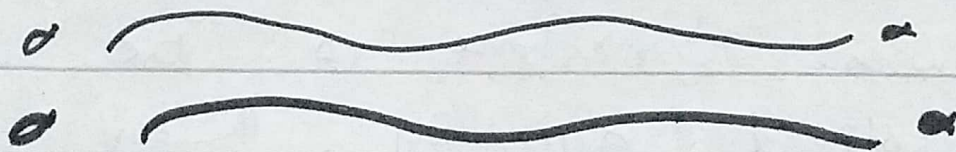
ii) Dissolved  $\text{CO}_2$  in rainwater causes limestone to be dissolved quickly than sandstone.

iii) Because igneous rocks are formed at high temperature and pressure which destroy the fossils if present in the surrounding rocks or in its parental materials.

iv) Granite has large size crystals than Basalt because granite takes larger time to cool due to low temperature

difference of greater depth.

v). Some sediments at the bottom of a cliff are large angular and poorly sorted because of the process of glacial transport.



The End