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CHAPTER NAME : OUR CHANGING EARTH (CH. -3 Geo)

TOPIC – VOLCANOES

A volcano is an opening in the earth’s crust through which molten magma or Lava erupts suddenly .

This Lava accumulates around the vent and forms a conical hill or a mountain with a funnel shaped depression / opening at the top which is known as ‘crater’.

These eruptions can either be exclusive or quiet.

Explosive eruption occurs through in Narrow vent and Lava accumulates around the crater forming a conical shaped hill like Mount

Fujiyama of Japan and Mount Vesuvius in Italy.

The quiet eruption results in the formation of plateaus like the Deccan plateau.

Types of volcanoes.

Depending upon the frequency of eruption, the volcanoes can be classified as active, dormant and extinct.

- Active volcano :- those volcanoes which have erupted frequently in the recent past and have possibility of further eruption at any time. Ex. Mt. Etna in Italy is an example of this type.**
- Dormant volcano :- certain volcanoes which have not erupted for a long period of time are called sleep or dormant volcanoes. Ex. Mt. Vesuvius in Italy is an example of a dormant volcano.**

- **Extinct or Dead volcano :- volcanoes which have not erupted for several thousand of years and do not show any possibility of any eruption in future. Ex. Mt. Kilimanjaro in East Africa is an example of an extinct volcano .**
