

Q1

what is a Lunar Month?

The Time Taken by Moon to revolve around the earth and align itself with the revolving earth is called Lunar Month. It's The Time duration of Lunar Month is 29.5 days.

Q2

what is Temperate zone.

Temperate zone is the region of the earth from  $23\frac{1}{2}^{\circ}$  to  $66\frac{1}{2}^{\circ}$  Latitude in Both North and south direction.

It is the region from Tropic of Cancer ( $23\frac{1}{2}^{\circ}$  N) to Arctic circle ( $66\frac{1}{2}^{\circ}$  N) in the Northern Hemisphere and from Tropic of Capricorn ( $23\frac{1}{2}^{\circ}$  S) to Antarctic circle ( $66\frac{1}{2}^{\circ}$  S) in the Southern Hemisphere.

Q3

what is Exosphere.

Exosphere is the outer most layer of the atmosphere, with at a height of 450 to 1000 m. The Low earth orbit Satellites are placed. Exosphere contains gases like hydrogen and helium.

(60 words)

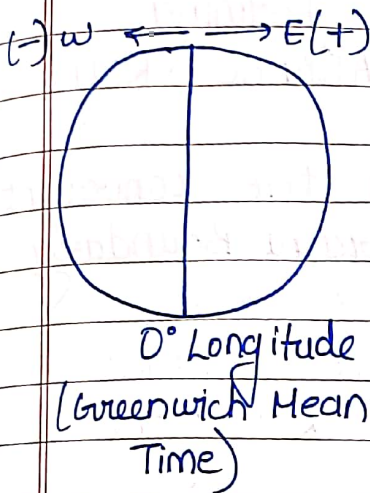


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Q1) what is Greenwich Mean Time?

The  $0^\circ$  longitude of the earth which divided earth into two hemispheres is called Greenwich mean Time. This  $0^\circ$  Longitude is also known as the Prime meridian.



Greenwich mean time is used as the standard time for the whole world. The countries to the east of Greenwich Mean Time are ahead of in Time and the countries which are to the west of GMT are Late w.r.t GMT.

Greenwich mean Time is now known as coordinated universal Time

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Q2) what are Mountains? Explain their Major characteristics.

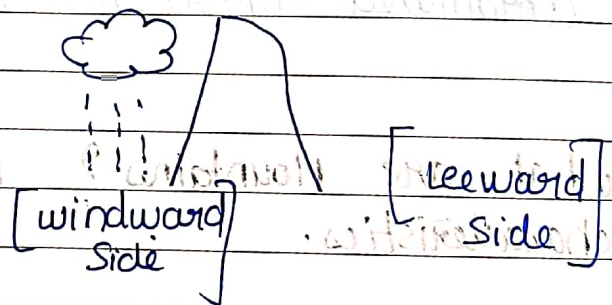
The highlands with height of more than 600 M with peaks are known as - Mountains.

These are the Geomorphological processes Landscapes that are formed by various Geomorphological processes like Plate Tectonics, volcanic activities, weathering, Erosion, deposition, etc.



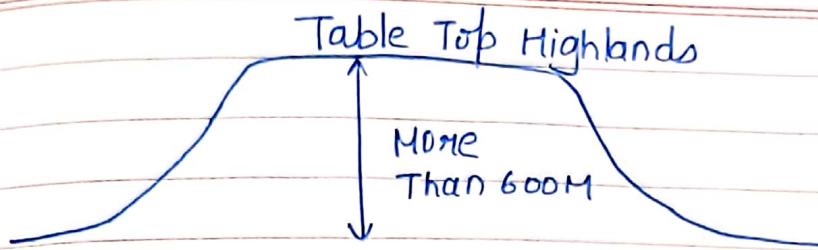
## characteristics of Mountains :-

1. Mountains have steep slope as compared to hills and plateaus.
2. Mountains are in Long chains forming Ridges and Ranges. eg:- Mid Atlantic Ridges.
3. They are formed from by the convergent Boundary Plates and Divergent Boundary Plates. like Fold Mountains from Convergent Boundary Plates and Ridges or Block Mountains from Divergent Boundary Plates.
4. ~~Q2~~ Mountains have windward side & Leeward Side

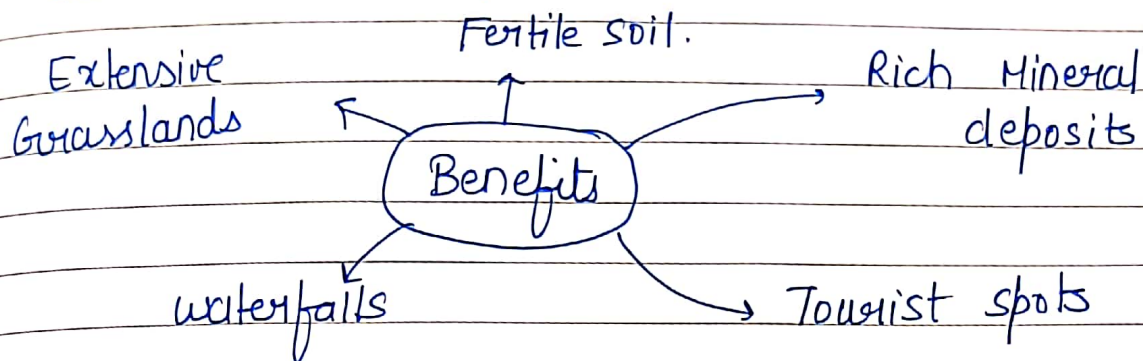


Q3. Explain the Major benefits and economic Significance of Plateaus.

Plateaus are the Table-Top highlands with height above 600M and no peaks



### Economic Benefits of Plateaus



- ① Rich Mineral Deposits  $\Rightarrow$  Plateaus are formed from the activity of volcanic eruption which has a huge Mineral deposits like Feldspar or Basaltic Rocks.
- ② Tourist spots  $\Rightarrow$  Plateaus are highlands which serves as a place for waterfalls which can be a tourist spots.
- ③ Fertile soil  $\Rightarrow$  The lava deposit in Plateaus serve as a soil with rich in Minerals, thus suitable for cultivation eg:- Malwa Plateau - Rich in cotton cultivation.

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