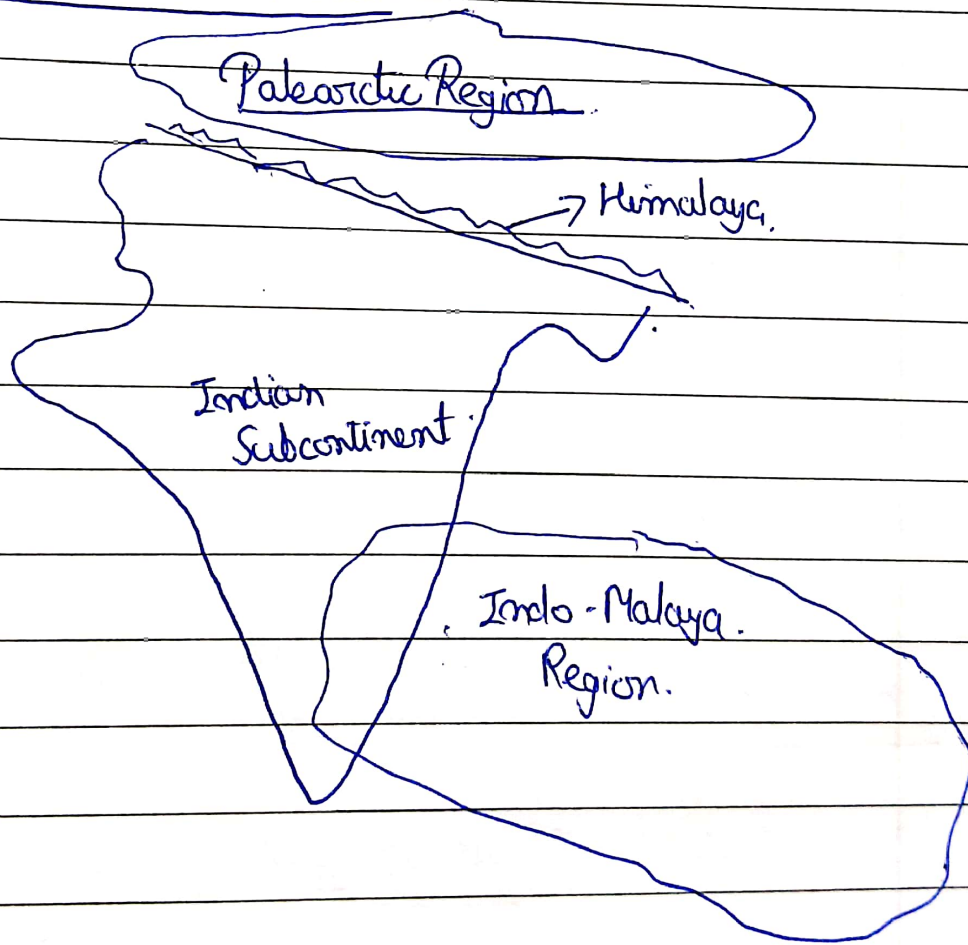


Q. Effect of Himalaya on Indian Climate and Monsoon? (200 words)

Ans.

- Himalayan Ranges are situated at the convergence of Palaearctic and Indo-Malaya Ecozone. Thus has heavy Influence over Indian Climate and Monsoon i.e. Rainfall.

• Effect on Climate :-



★ Due to presence of Himalayas in Northem India experience warm climate than central Asia. [Act as Barrier Front of Cold wind]

A. Present Extremities of Climate - (Stable, Uniform Climate)

Himalayan Ranges, starts from J&K and reach towards till assam, Thus providing Wholesome Windward Areas for Indian Subcontinent context.

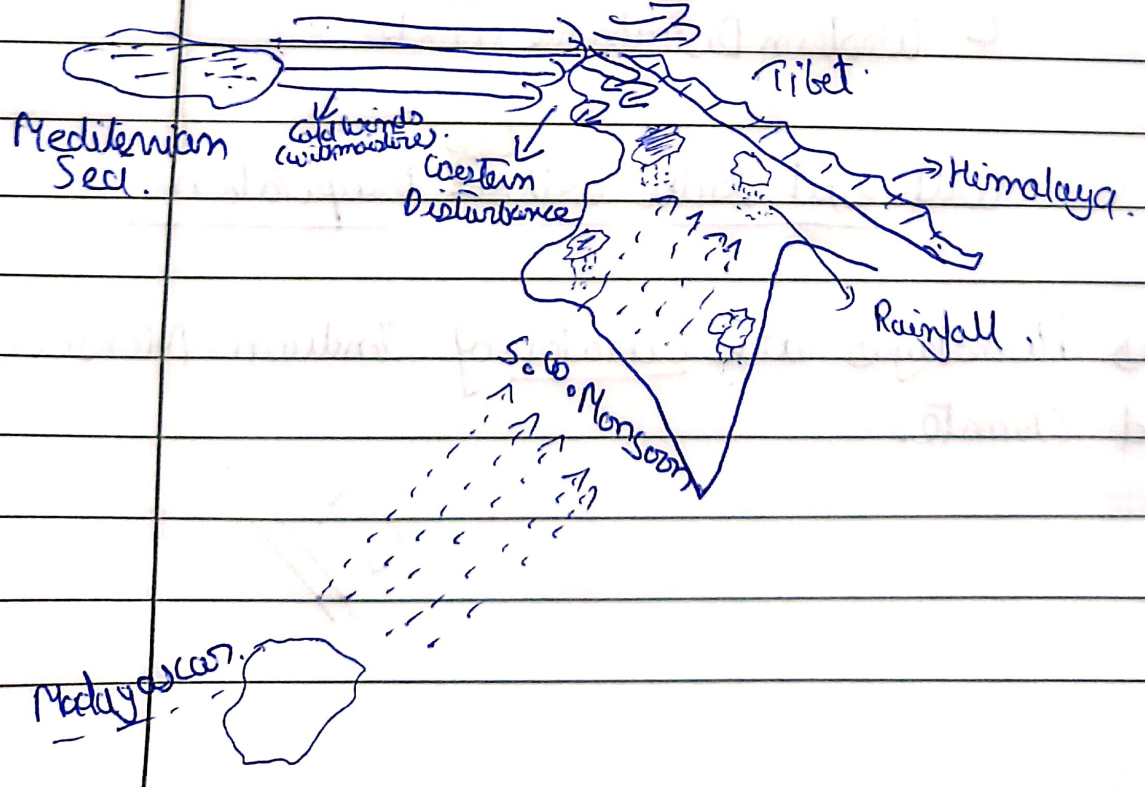
Other Effects:

Periodic Change of Seasons.

Drainage System i.e. Himalayan Rivers.

Plains Below Foothills.

Effect on Monsoon.



* Himalaya is the major Barrier which traps South-West Monsoon (Originating from Madagascar), and cause Rainfall in Month of July to October.

* Himalayan Ranges splits, Cold currents ^{containing Moisture} coming from Mediterranean or Central Asian Region in November to January Month, which causes Winter Rainfall. [Western Disturbance]

If Himalayas are not present

↳ S.W. Monsoon.

↳ Western Disturbance Winds

will exit India with ^{Less} ~~out~~ Precipitation.

Thus Himalayas are Curator of Indian Monsoon and Climate.

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