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Q) Forest landscape restoration plays a pivotal role in regaining ecological functionality and improves human welfare. Substantiate (200 words).

Ans: Forest landscape Restoration:

- It is an act of afforestation and reforestation of establishing trees on non-treed land. According to IUCN, 12% of global green house gas emission due to deforestation.

Role in regaining ecological functionality:

- By doing diverse tree plantation rather than mono-culture tree plantation leads to carbon sequestering more effective than the latter.
- India witnessed the amount of heat increased in recent years as per the record of CSE which shows 0.4°C increased ~~ann~~ on an average of some years. If the degraded land planted with trees it may be mitigated.
- Due to loss of forest and degradation of land, land slides and flash floods are being happened in recent times which is also a major cause of concern.
- To balance the ecological process the parties of different conventions on environmental development programme in the globe has taken initiatives such as Bonn challenge, COP-21, Montreal Protocol etc.