

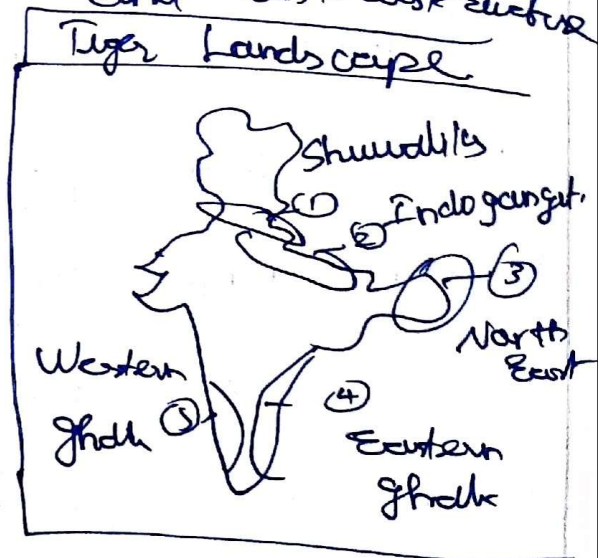
Evaluating importance of wildlife corridors in tiger conservation

India is home to largest tiger population in the world with 3682 tigers. Wildlife corridors are critical in tiger conservation.

### Wildlife corridors

These are the habitats and pathways that connect the wildlife populations which are fragmented due to human intervention and infrastructure projects.

India has a total of 32 tiger corridors across its tiger landscape.



### Significance

① Population The corridors can ensure a viable population for the

tigers. The areas awaiting re-introduction of tigers can be assisted by the wildlife corridors

② Increased survival The corridors passes prey base, free from poaching and act as migratory exchange of gene flow. This can increase the chances of survival.

③ Reduced conflict As the corridors connect two population bases the human-animal conflict is reduced. The wildlife underpasses across Kanha Pench is a good example.

wildlife corridors are a opportunity for animals like tigers to maintain stable population. Conservation of corridors is paramount to safeguard the indicator species