

Farm Ponds acts as agents of rural transformation in the country. Justify the statement with examples

With the climate change and rise in temperature the water crisis has increased tremendously, instead of solely depending upon the rivers people are using older methods to conserve water which is used for irrigation, drinking and other house hold purposes.

Farm Ponds → They are patch of water body either man made or natural that can be used to store water which can be utilized during drought conditions.

Uses of farm pond :-

- ① It helps to store surplus rain water
- ② It acts as a cooling effect Ex: Houses in Kerala usually have their own ponds.
- ③ Irrigational purposes
- ④ Pisciculture
- ⑤ Rejuvenates the well water during summer.

Due to various environmental NGOs & government initiative, Farm Ponds & small reservoirs have been created to replenish the water table.

How does Farm Pond help?

- ① Farm Ponds helps by the farmers to cultivate small patch of grass which can stop top soil runoff by waves of wind and later resisting water erosion through the root system.
- ② Drought hit areas of Karnataka, Andhra Pradesh have started employing farm ponds there by increasing the cultivation, and not taking breaks between crops.
- ③ In Kerala people use farm ponds for irrigation as well as fisheries which increases their financial outcome.
- ④ Multiple farm pond in a large farm land down the hill for catchment of water increases the sustainable agriculture.

Farm Ponds have been extensively used these days in many parts of moderate rainfall areas, like Deccan, Central India, Parts of Tamil Nadu. Govt provides loans for constructing farm ponds which paves way for sustainable agriculture rather than exploitative agriculture.