

## 1 Traditional water management practices in India

India has developed many water harvesting structures and water conveyance systems specific to the different eco-regions.

- **Paar system:** It is a common place seen in Rajasthan where the rainwater flows from the agar (catchment) and in the process percolates into the sandy soil.
- **Talab / Bandhis:** Talabs are natural or man-made reservoirs seen mostly in north India.
- **Saza Kuva:** It is open well and is the most important source of irrigation in the Aravalli hills in Mewar, eastern Rajasthan.

- **Johad:** They are small earthen check dams that capture and conserve rainwater, improving percolation and groundwater recharge.
- **Pat:** In this water from swift-flowing hill streams is diverted into irrigation channels called pats.



## 2 Gorillas



Gorillas are large, primarily herbivorous, great apes that live in the tropical forests of equatorial Africa.

### What you need to know?

- They are not naturally found in India.
- They share many human emotions such as laughter and sadness.
- Gorillas are the largest of the great apes.
- They live in family groups typically ranging from 5 - 10 individuals.



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## **Great Apes ( Classification)**

- There are five great apes: gorilla, orangutan, chimpanzee, bonobo, and human.
- **There are two species of gorilla, both of which live in equatorial Africa.**
- They are threatened by habitat loss, deforestation, poaching, bushmeat, and disease.

## **3 Pennaiyar river**

**There is dispute between Tamil Nadu and Karnataka over sharing the waters.**

### **Facts about river!**

- The river originates in the Nandi Hills in the Chikkaballapura district of Karnataka and flows through Tamil Nadu before emptying into the Bay of Bengal.
- It is the second longest river in Tamil Nadu after Kaveri.
- Sathanur is dam across this river in Tamil Nadu.

### **How river disputes are resolved?**

- Under the 1956 Inter-State River Water Disputes Act, a tribunal could be constituted only once the Union government concludes that the dispute cannot be settled through negotiations.