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# Topic wise content



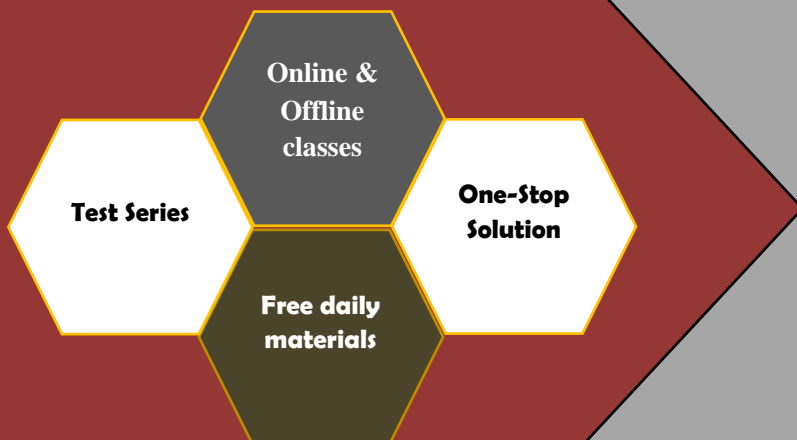
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## Bhadar Dam: Gujarat

Notes for civil services preparation



UPSC

General Studies

## Bhadar Dam: Gujarat

The Dam Safety Organisation of the Central Water Commission has recommended replacement of floodgates of **Bhadar dam** which were damaged in the **flash flood of 2015**.

### Key Points

- **About Bhadar Dam:**

- Bhadar dam is **located in Rajkot** and is **second largest in Saurashtra region after Shetrunji dam**
- Bhadar dam is on the **Bhadar River** in Saurashtra region in Gujarat

### Bhadar River:

- The Bhadar is one of the major rivers of **Kathiawar (Saurashtra) peninsula** in Gujarat
- It **originates** near **Vaddi in Rajkot district** at an elevation of 261 m above mean sea level.
- It flows through the Saurashtra region and finally confluence **with Arabian sea at Naviobandar (Porbandar)**.
- The total length of this river is 198 It drains about 1/7th of the area of Saurashtra.

## Flash Flood

- Flash floods are typically associated with **short, high-intensity rainstorm**
- These are **sudden surges in water levels** during or following an intense spell of rain
- These are **highly localised events of short duration** with a very high peak and usually have less than six hours between the occurrence of the rainfall and peak flood
- The flood situation worsens in the presence of choked drainage lines or encroachments obstructing the natural flow of water

## Central Water Commission (CWC)

- The Central Water Commission is the **apex technical organisation** in the country for **development of water resources** and is an attached organization of the **Ministry of Water resources**
- The Commission is responsible for **initiating, coordinating and furthering, in consultation** with the State Governments, the schemes for control, conservation, development and utilization of water resources throughout the country for the purpose of irrigation, flood management, power generation, navigation etc.