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Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

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Q7

Dam failures are always catastrophic, especially on the downstream side, resulting in a colossal loss of life and property. Analyze the various causes of dam failures. Give two examples of large dam failures.

UPSC Civil Services Mains 2023 · GS III · 10 marks · Indian Economy

Indian Economy and issues relating to planning, mobilization of resources, growth, development and employment.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

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Banqiao 1975

Henan, China: Typhoon Nina; Banqiao and related dams overtopped; one of the deadliest dam disasters, with deaths in the tens of thousands.

Machhu II 1979

Morbi, Gujarat: earthen dam breach on 11 August 1979; official deaths in the low thousands.

Teton 1976

Idaho, United States: piping and foundation failure of a new earth dam; a textbook structural case.

Panshet 1961

Pune: Panshet failure and Khadakwasla overtopping flooded the city; a major Indian urban dam disaster.

Dam Safety Act 2021

Union law and a Dam Safety Authority framework for surveillance of specified dams in India.

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