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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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Q14

"The Himalayas are highly prone to landslides." Discuss the causes and suggest suitable measures of mitigation.

UPSC Civil Services Mains 2016 · GS I · 12 marks · Geophysical Phenomena

Important Geophysical phenomena such as earthquakes, tsunami, volcanic activity, cyclone etc., geographical features and their location-changes in critical geographical features (including water-bodies and ice-caps) and in flora and fauna and the effects of such changes.

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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Main Boundary Thrust / Main Central Thrust

Major Himalayan fault zones along which rocks are sheared and slopes are especially weak.

Kedarnath disaster, 2013

Uttarakhand cloudburst and debris flows that showed how rain, ice, and settlement on fans combine.

NDMA landslide guidelines

National framework for hazard zonation, land-use, and slope safety in hill states.

Geological Survey of India

National agency that maps landslide-prone sectors and advises on mitigation.

Bio-engineering

Use of plants with drains and small structures to hold hill cuts cheaper than only concrete.

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