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Q6

How can India achieve energy independence through clean technology by 2047? How can biotechnology play a crucial role in this endeavour?

UPSC Civil Services Mains 2025 · GS III · 10 marks · Infrastructure

Infrastructure: Energy, Ports, Roads, Airports, Railways etc.

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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Crude import dependence

India has in recent years imported around eighty-five per cent of its crude oil, the core strategic vulnerability.

SATAT

A Union effort to produce compressed biogas from waste as a transport and cooking fuel.

Green hydrogen mission

A national programme to make hydrogen with renewable power for industry that now uses gas-based hydrogen.

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