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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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Q15

The adoption of electric vehicles is rapidly growing worldwide. How do electric vehicles contribute to reducing carbon emissions and what are the key benefits they offer compared to traditional combustion engine vehicles?

UPSC Civil Services Mains 2023 · GS III · 15 marks · Environment and Conservation

Conservation, environmental pollution and degradation, environmental impact assessment.

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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FAME II

Faster Adoption and Manufacturing of Electric Vehicles Phase II: demand incentive for eligible EVs and support for charging.

PLI-ACC

Production Linked Incentive for Advanced Chemistry Cell battery storage, to localise cells.

Grid mix

Coal still supplies a majority of Indian electricity; EV climate gains grow as the renewable share rises.

Two-wheeler weight

Most Indian passenger kilometres are on two-wheelers; electrifying them moves more carbon than a few luxury cars.

Oil import

Road fuel is a large part of India's crude-product demand; EVs cut that bill if they replace ICE kilometres, not add to them.

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