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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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Q6

Discuss several ways in which microorganisms can help in meeting the current fuel shortage.

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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E20

National target to blend 20 per cent ethanol in petrol, using molasses, grain, and some 2G cellulose ethanol.

Panipat 2G

Indian Oil's second-generation ethanol plant at Panipat uses agricultural residue; it is a commissioned 2G site.

Numaligarh

Assam bio-refinery linked to Numaligarh Refinery uses bamboo as a cellulosic feedstock.

SATAT

Sustainable Alternative Towards Affordable Transportation: oil companies offtake Compressed Bio Gas from waste and dung plants.

GOBARdhan

Union support for cattle-dung and agri-waste biogas in villages and clusters.

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