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Q63

Consider the following statements : Statement I: Of the two major ethanol producers in the world, i.e., Brazil and the United States of America, the former produces more ethanol than the latter. Statement II: Unlike in the United States of America where corn is the principal feedstock for ethanol production, sugarcane is the principal feedstock for ethanol production in Brazil. Which one of the following is correct in respect of the above statements? (a) Both Statement I and Statement II are correct and Statement II explains Statement I (b) Both Statement I and Statement II are correct but Statement II does not explain Statement I (c) Statement I is correct but Statement II is not correct (d) Statement I is not correct but Statement II is correct Official key: D.

UPSC Civil Services Prelims 2025 · General Studies · 2 marks · Environment and Ecology
Environment, ecology, climate, biodiversity - Prelims GS Paper I.

Explanation

(a)

Both correct and II explains I. I is the false ranking/claim on the two major ethanol producers.

(b)

Both correct without explanation. I still fails.

(c)

I correct, II not. I is not keyed.

(d) Official key

I is not correct, II is correct. The ethanol-producer ranking in I fails; II holds on this paper.

Summary

Official Set A key is (d). Statement I on the two major ethanol producers is not correct as written. Statement II is scored as correct. So I not, II yes - not the 'both and II explains I' trap.

Related possible facts

These can be asked in a future Prelims paper.

US corn ethanol

Largest producer in most EIA years. RFS mandate.

Brazil sugarcane ethanol

Proálcool since the 1970s. Higher energy balance than corn ethanol.

E100 / flex-fuel

Brazil's light-vehicle fleet. A neighbour fact.

India E20

Domestic blending target. Not this comparison.

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