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Q85

Which one of the following statements best describes the term 'Social Cost of Carbon'? It is a measure, in monetary value, of the (a) long-term damage done by a tonne of CO₂ emissions in a given year. (b) requirement of fossil fuels for a country to provide goods and services to its citizens, based on the burning of those fuels. (c) efforts put in by a climate refugee to adapt to live in a new place. (d) contribution of an individual person to the carbon footprint on the planet Earth. Official key: A.

UPSC Civil Services Prelims 2020 · General Studies · 2 marks · Current Affairs and GK

Current events, government schemes, miscellaneous GK - Prelims GS Paper I.

Explanation**(a) Official key**

Long-term damage of a tonne of CO₂ in a given year, in money. That is the social cost of carbon.

(b)

Fossil requirement of a country. Not **SCC**.

(c)

A climate refugee's effort. Not **SCC**.

(d)

An individual's footprint. That is a personal carbon account, not **SCC**.

Summary

Official key is (a). Social cost of carbon is a monetary estimate of the extra long-term damage from emitting one tonne of CO₂ in a given year.

Related possible facts

These can be asked in a future Prelims paper.

SCC

Integrated assessment models; used in US/EU cost-benefit.

Social cost of methane

The cousin metric.

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