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Q38

**Consider the following statements: I. Carbon dioxide (CO<sub>2</sub>) emissions in India are less than 0.5 t CO<sub>2</sub>/ capita. II. In terms of CO<sub>2</sub> emissions from fuel combustion, India ranks second in Asia-Pacific region. III. Electricity and heat producers are the largest source of CO<sub>2</sub> emissions in India. Which of the statements given above is/are correct? (a) I and III only (b) II only (c) II and III only (d) I, II and III Official key: C.**

UPSC Civil Services Prelims 2025 · General Studies · 2 marks · Environment and Ecology

Environment, ecology, climate, biodiversity - Prelims GS Paper I.

**Explanation**

**(a)**

I and III only. That keeps the very-low per-capita line, which is not in the official pair.

**(b)**

II only. The official pair is II and III.

**(c) Official key**

II and III only. India ranks high in Asia-Pacific fuel-combustion CO<sub>2</sub>, and electricity and heat are the largest Indian source. The <0.5 t per-capita line is not keyed.

**(d)**

All three. I is the extra limb.

**Summary**

Official Set A key is (c) II and III only. India's per-capita CO<sub>2</sub> is not below 0.5 t in the datasets this paper is read against, so I fails. India is among the top Asia-Pacific emitters from fuel combustion (II). Electricity and heat are the largest sectoral source in India (III). That official pair is II and III, not all three.

**Related possible facts**

These can be asked in a future Prelims paper.

**IEA CO<sub>2</sub> from fuel combustion**

The usual table for country rank and sector split. Electricity and heat lead in India.

**Per capita vs total emissions**

India is a top total emitter and still below the world-average per capita in most IEA/GCP tables.

**Global Carbon Project**

Annual carbon budget. A neighbour source for per-capita charts.

**China and Asia-Pacific rank**

China is first in the region. India is the standard second in fuel-combustion tables.

**Energy Statistics / MoSPI**

Domestic yearbook for fuel use. Pair with IEA for Prelims numbers.

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