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Q23

Consider the following water bodies: I. Lake Tanganyika II. Lake Tonlé Sap III. Patos Lagoon Through how many of them does the equator pass? (a) Only one (b) Only two (c) All the three (d) None
Official key: D.

UPSC Civil Services Prelims 2025 · General Studies · 2 marks · Geography

Physical, Indian and world geography - Prelims GS Paper I.

Explanation

(a)

Only one. None of the three water bodies is an equatorial crossing on this key.

(b)

Only two. Over-counts.

(c)

All three. **Tonlé Sap** is in Cambodia; **Patos Lagoon** is in southern Brazil; Tanganyika lies south of the equator along the Albertine rift.

(d) Official key

None. The equator does not pass through these three as keyed.

Summary

Official Set A key is (d) none. Lake **Tonlé Sap** is in Cambodia, well north of the equator. **Patos Lagoon** is in Rio Grande do Sul, far south. **Lake Tanganyika** sits along the western rift mainly south of 0°. UPSC keys zero equatorial crossings in this trio.

Related possible facts

These can be asked in a future Prelims paper.

Lake Tanganyika

African Rift lake. The equator sits north of its main body; Burundi/DRC/Tanzania/Zambia shores. Know the map even so.

Tonlé Sap

Cambodia's great lake, Mekong flood pulse. Latitude ~12°N.

Patos Lagoon (Lagoa dos Patos)

Rio Grande do Sul, Brazil. Subtropical, far south of the equator.

Equatorial lakes

Victoria, some of the Rift lakes. The honest map neighbour of this question.

Lake Victoria

Equator does cut Uganda/Kenya waters. Not in the list.

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