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Q19

At one of the places in India, if you stand on the seashore and watch the sea, you will find that the sea water recedes from the shore line a few kilometres and comes back to the shore, twice a day, and you can actually walk on the sea floor when the water recedes. This unique phenomenon is seen at (a) Bhavnagar (b) Bheemunipatnam (c) Chandipur (d) Nagapattinam Official key: C.

UPSC Civil Services Prelims 2017 · General Studies · 2 marks · Geography

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

Explanation**(a)**

(a) **Bhavnagar**. The Gulf of Khambhat has a large tidal range, but the 'walk kilometres on the sea floor twice a day' tourist phenomenon is not the **Bhavnagar** shoreline in this question. Not the key.

(b)

(b) Bheemunipatnam. This Andhra coast does not show that extreme, walkable recession. Not the key.

(c) Official key

(c) Chandipur. Chandipur-on-sea (Odisha) is famous for the tide receding several kilometres, exposing the beach so visitors can walk on the sea floor, twice a day. That is the official key.

(d)

(d) Nagapattinam. A Tamil Nadu port coast without that unique hide-and-seek tide. Not the key.

Summary

Official key is (c) Chandipur. On the Balasore coast of Odisha the tide withdraws far enough that the sea floor can be walked for a stretch, then returns. The **DRDO Integrated Test Range** is a neighbouring Chandipur fact, not the reason for the tide. **Bhavnagar**'s macrotidal gulf, Bheemunipatnam and Nagapattinam do not match this textbook description. Chandipur is the named unique shore.

Related possible facts

These can be asked in a future Prelims paper.

Chandipur State

Odisha (Balasore)

Local name

Hide-and-seek beach

ITR Chandipur

DRDO missile test range

Highest Indian tides

Gulf of Khambhat / Kutch

Bhavnagar

Gujarat; Gulf of Khambhat

Spring tide

Largest range at new/full moon

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