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Q64

The World Bank warned that India could become one of the first places where wet-bulb temperatures routinely exceed 35°. Which of the following statements best reflect(s) the implication of the above-said report? I. Peninsular India will most likely suffer from flooding, tropical cyclones and droughts. II. The survival of animals including humans will be affected as shedding of their body heat through perspiration becomes difficult. Select the correct answer using the code given below (a) I only (b) II only (c) Both I and II (d) Neither I nor II 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 only. II is also keyed.

(b)

II only. I is also keyed.

(c) Official key

Both I and II. The wet-bulb warning and the companion climate-health line are both scored.

(d)

Neither. Both hold.

Summary

Official Set A key is (c) both. The World Bank wet-bulb / heat-humidity warning for India is Statement I, and the companion statement is also keyed. Tick both.

Related possible facts

These can be asked in a future Prelims paper.

Wet-bulb temperature

Thermometer with a wet cloth; measures combined heat and humidity. ~35°C is a theorised human survivability threshold.

Sherwood & Huber, 2010

The paper often cited for the 35°C wet-bulb limit.

World Bank climate-hotspot India

Heat and humidity warnings for the Indo-Gangetic and coastal belts.

Heat index vs wet-bulb

Heat index is a feel-like number. Wet-bulb is the thermodynamic limit.

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