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Q80

"Each day is more or less the same, the morning is clear and bright with a sea breeze; as the Sun climbs high in the sky, heat mounts up, dark clouds form, then rain comes with thunder and lightning. But rain is soon over." Which of the following regions is described in the above passage? (a) Savannah (b) Equatorial (c) Monsoon (d) Mediterranean Official key: B.

UPSC Civil Services Prelims 2015 · General Studies · 2 marks · Geography
Physical, Indian and world geography - Prelims GS Paper I.

Explanation

(a)

Savanna climates have a marked dry season and a wet season, not 'each day more or less the same' with a brief afternoon storm. This option is not the key.

(b) Official key

- **Equatorial (Af) climate is noted for daily convection:** clear morning, building heat, afternoon thunder-showers, then clearing. The passage is the textbook description of that rhythm. This option is the official key.

(c)

Monsoon climates have a strong seasonal contrast between wet and dry months, not a near-identical daily cycle year-round. This option is therefore wrong.

(d)

Mediterranean climate has dry, hot summers and wet winters; it does not match daily equatorial rain. This option is not the key.

Summary

Official key is (b) Equatorial. The passage describes the diurnal convection cycle of the equatorial belt. Savanna and monsoon are seasonal; Mediterranean is winter-rain. Afternoon thunderstorms after a bright morning are the equatorial signature. Only (b) fits the text.

Related possible facts

These can be asked in a future Prelims paper.

Köppen Af

Tropical rainforest climate; no dry month

Convictional rainfall

Intense heating, rising air, afternoon cumulonimbus

Doldrums / ITCZ

Equatorial low where such daily rains are common

Savanna Aw

Tropical wet-and-dry; long dry season

Cs Mediterranean

Dry summer, wet winter on west coasts $\sim 30^{\circ}$ - 40°

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