

WRAP Exams · wrapexams.com

Prelims PYQ, Mains model answers, and copy evaluation. Write to the desk for this paper, a doubt, or the AI waitlist.

ask@wrapexams.com · +91 85951 84903 · wrapexams.com

Q61

The vegetation of savannah consists of grassland with scattered small trees, but extensive areas have no trees. The forest development in such areas is generally kept in check by one or more or a combination of some conditions. Which of the following are such conditions? 1. Burrowing animals and termites 2. Fire 3. Grazing herbivores 4. Seasonal rainfall 5. Soil properties Select the correct answer using the code given below (a) 1 and 2 (b) 4 and 5 (c) 2, 3 and 4 (d) 1, 3 and 5 Official key: C.

UPSC Civil Services Prelims 2021 · General Studies · 2 marks · Environment and Ecology

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

Explanation

(a)

1 and 2. Termites/burrowers are not the keyed forest-check.

(b)

4 and 5. Soil alone is under-count; fire and grazers matter.

(c) Official key

2, 3 and 4. Fire, grazing herbivores and a strong dry season keep trees scattered. Burrowers and a generic 'soil properties' are not the trio.

(d)

1, 3 and 5. Drops fire and rainfall seasonality.

Summary

Official key is (c) 2, 3 and 4. **Savanna** stays open because of fire, grazing and seasonal rain. Termites and a blanket soil clause are not the keyed checks.

Related possible facts

These can be asked in a future Prelims paper.

Savanna

Tropical grassland with scattered trees.

Fire ecology

Frequent burns favour grass over forest seedlings.

WRAP Exams · Write. Read. Analyse. Practice. · <https://wrapexams.com/upsc/prelims/gs/2021/the-vegetation-of-savannah-consists-of-grassland-with-scattered-small-trees-but-extensive-areas-have-no-trees-the-forest-development-in-such-areas-is-generally-kept-in-check-by-one-or-more-or-a-combination-of-some/> · ask@wrapexams.com · wrapexams.com

WRAP Exams