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Q73

The term 'ACE2' is talked about in the context of (a) genes introduced in the genetically modified plants (b) development of India's own satellite navigation system (c) radio collars for wildlife tracking (d) spread of viral diseases Official key: D.

UPSC Civil Services Prelims 2021 · General Studies · 2 marks · Current Affairs and GK

Current events, government schemes, miscellaneous GK - Prelims GS Paper I.

Explanation**(a)**

GM plants. Unrelated acronym here.

(b)

NavIC. Indian satnav is IRNSS, not **ACE2**.

(c)

Wildlife collars. Unrelated.

(d) Official key

Spread of viral diseases. **ACE2** is the cell receptor SARS-CoV-2 uses.

Summary

Official key is (d). **ACE2** (angiotensin-converting enzyme 2) is the receptor the COVID-19 virus binds. It is not a GM insert, a satnav or a collar.

Related possible facts

These can be asked in a future Prelims paper.

ACE2

Lung, gut, heart epithelium; SARS-CoV-2 spike.

ACE inhibitors

A neighbouring cardio-drug, not this PYQ's point.

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