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Q34

Consider the following activities: 1. Identification of narcotics on passengers at airports or in aircraft 2. Monitoring of precipitation 3. Tracking the migration of animals In how many of the above activities can the radars be used? (a) Only one (b) Only two (c) All three (d) None Official key: B.

UPSC Civil Services Prelims 2024 · General Studies · 2 marks · Current Affairs and GK
Current events, government schemes, miscellaneous GK - Prelims GS Paper I.

Explanation

(a)

Only one. Radar is used in more than one of the listed tasks.

(b) Official key

Only two. **Weather radar** monitors precipitation; wildlife radar tracks migrating animals. Narcotics screening is typically X-ray / trace / dogs, not radar as the tool.

(c)

All three. Airport narcotics identification is not a radar job in this listing.

(d)

None. Two of the three use radar.

Summary

Official key is (b) only two. Weather radars monitor precipitation. Radars (and radar-like tracking) are used to follow bird and animal migration. Finding narcotics on passengers is imaging, sniffers and dogs - not radar as the named tool. So two activities, not three.

Related possible facts

These can be asked in a future Prelims paper.

Weather radar

Doppler radars map rain, hail and wind.

Aeroecology

Radar studies of migrating birds and insects.