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Q36

Consider the following communication technologies: 1. Closed-circuit Television 2. Radio Frequency Identification 3. Wireless Local Area Network Which of the above are considered Short Range devices/technologies? (a) 1 and 2 only (b) 2 and 3 only (c) 1 and 3 only (d) 1, 2 and 3 Official key: D.

UPSC Civil Services Prelims 2022 · General Studies · 2 marks · Science and Technology
Science, technology, space, defence, IT - Prelims GS Paper I.

Explanation

(a)

1 and 2 only. WLAN is also a short-range radio technology.

(b)

2 and 3 only. CCTV in the **SRD**/low-power sense is counted here.

(c)

1 and 3 only. **RFID** is the classic short-range device.

(d) Official key

All three. CCTV, **RFID** and WLAN are all treated as short-range devices/technologies in this item.

Summary

- **Official key is (d) all three. Short-range devices cover low-power radio uses: **RFID**, WLAN, and closed-circuit video links as framed in the question.**

Related possible facts

These can be asked in a future Prelims paper.

SRD

Short Range Device; licence-exempt bands, power-capped.

RFID

Tags and readers; NFC is a close cousin.

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