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Q10

Keeping in view India's internal security, analyse the impact of cross-border cyber attacks. Also discuss defensive measures against these sophisticated attacks.

UPSC Civil Services Mains 2021 · GS III · 10 marks · Cyber Security and Money Laundering

Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

<https://wrapexams.com/upsc/mains-answers/gs-3/2021/keeping-in-view-indias-internal-security-analyse-the-impact-of-cross-border-cyber-attacks-also-discuss-defensive-measures-against-these-sophisticated-attacks/>

CERT-In

Indian Computer Emergency Response Team: national cyber incident coordination.

NCIIPC

National Critical Information Infrastructure Protection Centre under the IT Act, for designated CII.

IT Act, 2000

Principal statute for cyber offences, interception architecture, and CERT-In directions.

Defence Cyber Agency

Tri-service body to defend and operate in the military cyber domain.

Kudankulam reporting, 2019

Public reporting of malware on a nuclear plant's administrative network; a warning on CII hygiene, with operational details partly disputed.

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