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Q46

In India, the term "Public Key Infrastructure is used in the context of (a) Digital security infrastructure (b) Food security infrastructure (c) Health care and education infrastructure (d) Telecommunication and transportation infrastructure Official key: A.

UPSC Civil Services Prelims 2020 · General Studies · 2 marks · Current Affairs and GK
Current events, government schemes, miscellaneous GK - Prelims GS Paper I.

Explanation**(a) Official key**

Digital security infrastructure. Certificates, CAs, public-key crypto - PKI.

(b)

Food security. Unrelated.

(c)

Health and education. Unrelated.

(d)

Telecom and transport. Unrelated.

Summary

- **Official key is (a). Public Key Infrastructure is the digital-security stack:** certificate authorities, public/private keys, signatures for e-sign, e-tender, e-mail.

Related possible facts

These can be asked in a future Prelims paper.

CCA / Controller of Certifying Authorities

India's IT Act PKI regulator.

eSign / DSC

The citizen-facing PKI products.

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