Defence & Security · GS - III

What is CyberDome Project? Explain how it can be useful in controlling internet crimes in India.

EXAM YEAR	PAPER	SUBJECT
2019	GS - III	Defence & Security

MARKS	WORD LIMIT
10	~150 words

Answer Hint

Kerala Police initiative; cyber threat monitoring; digital forensics; cybercrime investigation; technical expertise; public–private cooperation; capacity-building

Model Answer

Introduction

CyberDome is a technological research and development initiative of the Kerala Police intended to strengthen cyber security and combat cybercrime through collaboration with technical experts and other stakeholders.

Key Functions

- Monitors emerging cyber threats and suspicious online activity.
- Supports investigation of offences such as online fraud, identity theft, hacking and cyberstalking.
- Uses digital-forensic capabilities to assist in collecting and analysing electronic evidence.
- Encourages collaboration between police, cybersecurity professionals, academic institutions and technology companies.
- Helps train law-enforcement personnel in evolving cyber threats and investigative methods.
- Supports awareness and preventive measures against online scams and unsafe digital practices.

Contribution to India’s Cybercrime Response

CyberDome illustrates how specialised technical units can help police respond to increasingly sophisticated digital offences. Similar capabilities can improve threat intelligence, evidence preservation and coordination across jurisdictions.

Limitations

Cybercrime is often cross-border, rapidly evolving and difficult to investigate because of encryption, anonymity and jurisdictional barriers. Skilled personnel, updated technology and strong privacy safeguards are essential.

Conclusion

CyberDome strengthens technology-enabled policing, but effective cybercrime control also requires public awareness, inter-state coordination, international cooperation and rights-respecting digital investigations.

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