

UPSC

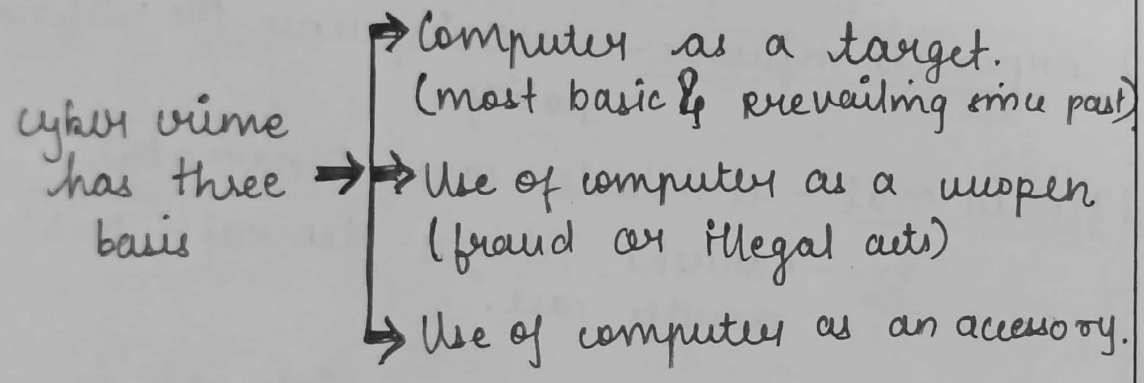
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Answer Questions in NOT MORE THAN the Word Limit specified for each in the Parenthesis.
 Content of the Question is more important than length.
 (Specimen Answer Booklet - For Practice Purpose Only)

उम्मीदवारों को इस स्थान में नहीं लिखना चाहिए।
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Que - What are cyber crimes? why cyber crimes are growing in India day by day? what is the machinery involved in India to counter cyber crimes?

Ans - Cyber crime refers to the criminal activity that are done using the computers, internet, information technology etc. that serves as the tool of cyber attacks.



In today's generation, when all the information from the basic to the most confidential is being stored online, it becomes really hard to control the cyber crimes.

India is witnessing growing number of cyber crimes day by day, because of the following reasons:

(1) Cloud computing - All the relevant informa-

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-tion is getting stored in the clouds which are getting hacked and all relevant information is at one place that makes it easier.

(2) To threaten the internal security - Since India is emerging as a strong nation, there are various attacks to threaten the internal security as well.

(3) To get access to important information - It even disturbs the government machinery.

(4) Phishing - service provider.

* Machinery involved in India to counter cyber crimes:

(1) National cyber security policy, 2023.

• protecting the information by strengthening the infrastructure.

(2) National security council.

(3) Reduce cyber vulnerability.

(4) Meghraj - for cloud computing.

(5) Build a secure, resilient and safer network.

(6) Inter departmental information security - will ensure security within departments.

(7) Reduce the reaction time.

(8) enhance the co-ordination and co-operation.

(9) inter departmental security task force.

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(8) Formation of computer emergency response team (CERT).

Cyber crimes and fraudulent activities are increasing rapidly such as ^{phishing} phishing, hacking, etc that pose a threat to the internal security and harmony of the country. Thus, these have to be taken into account and the steps taken by government will surely work towards changes and create a secured network.

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