



CMA Handwritten Notes



<https://t.me/cmahandwrittennotesfinal>

CMA Final



<https://t.me/cmainterhandwrittennotes>

CMA Intermediate

📞 **9177886784**

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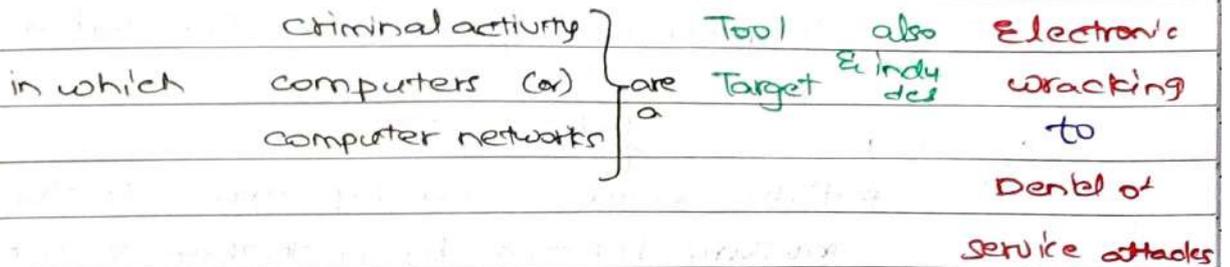
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CYBER CRIME

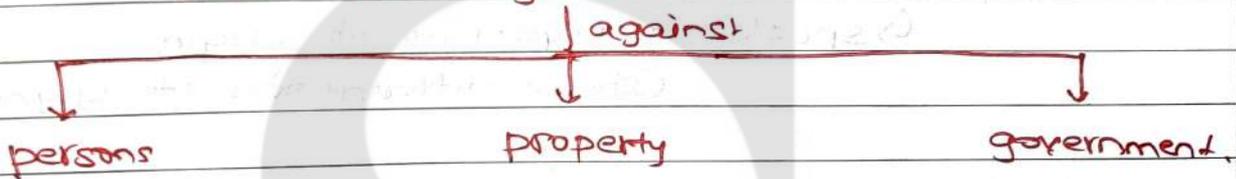
↳ broad term

* It defines

CCC → TIT → ED



Types of Cyber-Crimes



⇒ Cyber-crime against persons :-

↓
Harassment occur in cyber space (or) through use of cyber space.
↳ sexual, racial, religious (or) other.

CCC is SOFT and HD.

* Cyber-stalking:

- physical threat that
- creates FEAR TO USE the computer technology

- ↓
- internet
 - email
 - phones
 - websites
 - webcam
 - videos
 - text messenger.

* Cracking:

↳ stronger broken into computer systems without your consent (or) knowledge & has tampered with precious confidential data & info.

* Carding:

Debit & credit.

* false cards used by criminals for their monetary benefits by withdrawing money.

* Spoofing:

mail

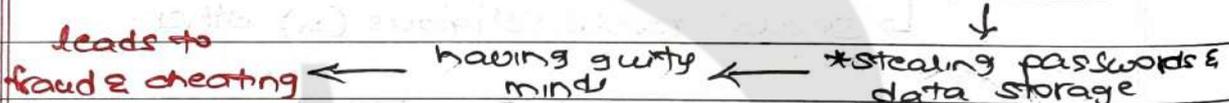
↳ spoofed & misrepresents its origin. (Shows different from its original)

* Obscenity:

↳ hosting of websites containing prohibited material, pornography, indecent expo. (child pornography)

* Fraud:

↳ person who is doing act of cyber-crime



* Threat:

↳ threatening a person with fear for their lives (or) their families through CN (mail, phone, video)

* Hacking:

↳ unauthorised access over computer system
↳ it destroys whole data (+) computer programmes

* Defamation:

↳ lower down the dignity of a person
↓ by

*hacking his mail account
&

* sending vulgar mails to unknown persons

⇒ Cyber-crimes against property :



* unlawful act by which owner is deprived completely (or) partially of his rights is an offence.

* Like computer copyright, unauthorized trespassing, transmission of harmful programs & unauthorized possession of computer information.

Hacking TVS Vandalism

* Hacking: → Hactivism attacks → famous twitter, blogging platform by unauthorized control over computer → loss of data & computer

* Trespass: → access someone's computer without right authorisation of owner. (E)
- alter, misuse (or) damage (or) delete data (or) system using wireless internet connection.

* Virus: → programs that attach themselves to computer or a file & then circulate to others on network.
* effects data on computer by altering (or) deleting it.

* Squatting: → two persons claim for same domain name by claiming that they registered first (or) by right of using it before the other (or) using something, which is similar.

* Vandalism: → deliberately destroying (or) damaging property of another

→ cyber vandalism - destroying data
→ it means - any kind of physical harm done to computer of any person.

⇒ Cyber-Crime against Government:

- certain offences done by group of persons intending to threaten the international governments by using internet facilities. (ex: cyberterrorism).

WARFARE PUT

* Warfare:

- politically motivated hacking to damage & spying by one-nation to another-nation. ←

* Piracy:

- distributing pirated software from one computer to another, intending to destroy the data & official records of government.

* Unauthorized Information:

- access any info. by terrorists with aid of internet and to possess that info. for political, religious, social, ideological objectives.

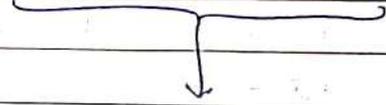
* Terrorism:

- terrorist attack on internet by distributed denial of service attacks, sending ← designed to render a service inaccessible. more traffic hate websites & hate e-mails, attacks than target sensitive computer networks can handle, causing it to → these activities endanger the sovereignty & integrity of the nation unable to provide services to its normal users.

Business Intelligence

* It is a technology-driven process for analysing data & delivering actionable information.

* Its ultimate goal is to drive better bus. decisions.



increases:

- revenue
- improve op. efficiency
- gain competitive adv. over bz. rivals

⇒ **Steps in BI:**

(DADU)

* Data preparation

* Analytical querying of the prepared data.

* Distribution of Key Performance Indicators (KPIs)

* Use of the information to help influence and drive business decisions.

⇒ **HOW BI WORKS)**

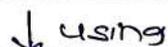
* BI data is stored in "Data Warehouse"

* Data includes historical & real-time data from system generate sources

* Before its used in BI application



raw data must be integrated, consolidated



using Data Integration & quality mgmt. tools



To ensure BI users & teams analysing accurate & consistent information.

⇒ Benefits of Business Intelligence :

~~[SODI + GIDS]~~
[SID IS GOD]

- * S - Spot business problems.
- * I - Increase operational efficiency & productivity
- * D - Develop stronger business strategies

- * I - Identify emerging business & market trends
- * S - Speed Up & Improve decision making.

- * G - Gain a competitive edge over rival companies.
- * O - Optimize internal business processes.
- * D - Drive higher sales & new revenues

⇒ Why BI is Important?

- * It improves an organization's business operations.
- * Companies using BI can "translate their collected data into valuable insights".
- * Such insights be used to make better business decisions that ↑ revenue which ↑ profits.

⇒ Business Intelligence Platforms:
[D+]

- * Data visualization software for designing charts
- * Tools for building BI Dashboards
- * Data storytelling features for combining visualisations & text in presentations for Business users.
- * Performance optimization & security controls for managing BI Deployments

⇒ Types of BI Tools & Applications

[ROMEO LOCATION]

* Real-time BI:

↳ data is analyzed as it's created, collected and processed.

* Online analytical processing (OLAP) :-

↳ suites for complex queries & calculations

↳ analyses multiple dimensions

* Mobile BI:

↳ available on smartphones & tablets

* Embedded BI:

↳ BI & data visualization ^{put} functionality directly into business applications

* Open source BI:

two versions ↓
 free-of-charge subscription-based

release with technical support by vendor

* Location Intelligence :-

→ functions with map-based data visualization.

→ analyze location & geospatial data.

* Operational Intelligence:

- form of real-time analytics

- delivers info

mgrs & frontline workers

- in business operations

* Collaborative BI:

- more of a process than specific technology.

- Combo. of BI applications & collaboration tools

* Ad hoc: Analysis:

* process of identifying & running queries to analyze specific business issues.

* Available on smartphones & tablets

* Embedded BI

* BI into business applications

* Open source BI

* BI - based

* BI - based

* Location Intelligence

* Location Intelligence

* Operational Intelligence

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