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CA-2 (CSE 332)
Section:- KE103

Assignment

Q.1. What do you understand by cyber crime? Draw a clear diagram highlighting key issues related to the cause? Write down 10 biggest cyber crime which took place in India so far?

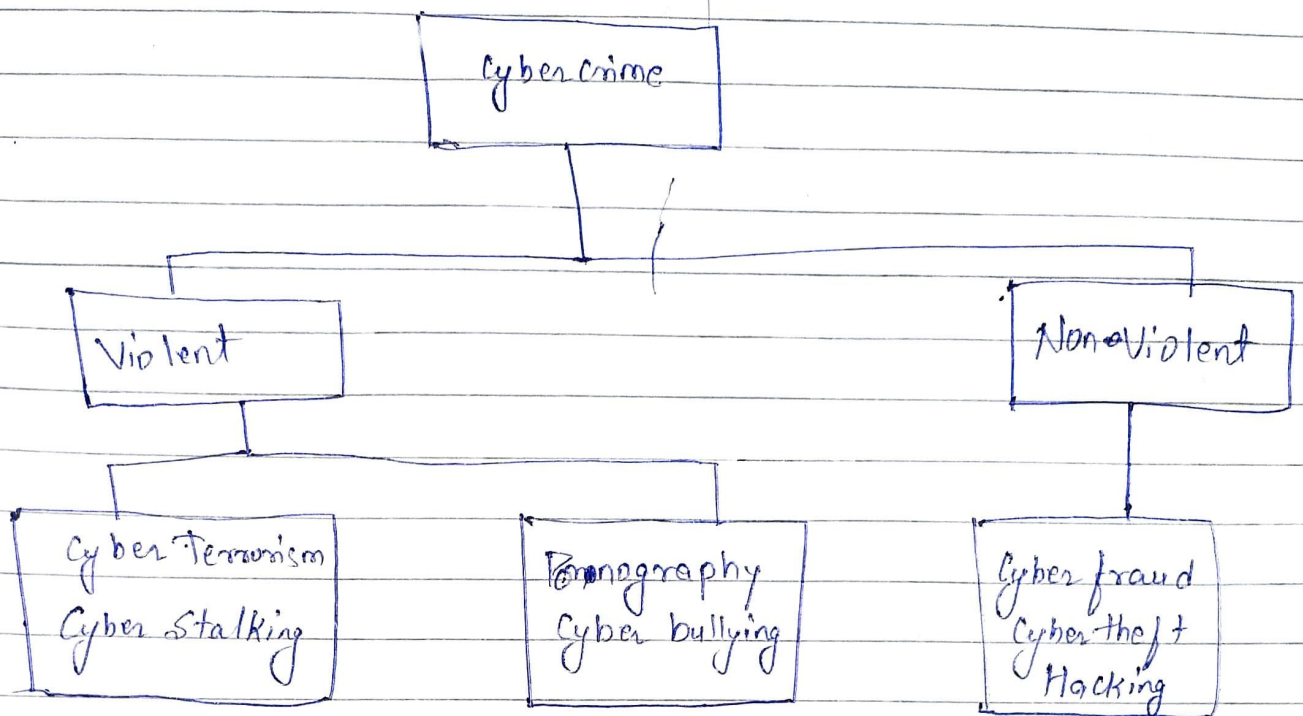
Sol:- Cybercrime is ~~criminal~~ criminal activity that either targets or uses a computer, a computer network or a networked device. Most, but not all cyber crime is committed by cybercriminals or hackers who want to make money. Cybercrime is carried out by individuals or organizations. In short, ~~cybercriminal~~ cybercrime is any type of illegal activity that takes place via digital means. Data theft is of course, one of the most common types of cyber crime, but cybercrime also includes a wide range of malicious activity as well such as cyberbullying or ~~planting~~ planting worms or viruses. Cybercrimes can be divided into two distinct categories: those that cause intentional damage and those that cause unintentional damage. In most cases, the damage is financial but not always.

There are different types of cybercrime;

* Hacking: Hacking is simply any unauthorized access of a computer system. Sometimes, hacking can be fairly harmless, such as rewriting sections of an existing software program to allow access to features the original designer did not intend.

* Viruses, Worms, Malware and Ransomware: Many types of malicious software can be delivered by a wide range of means.

* Denial of Service (DOS) attack, Email bombing or spamming:-
 These types attacks flood systems with so much information that it can crash the servers that cyber ~~businesses~~ ~~depend~~ businesses depend on.



Ten Biggest cybercrimes in India:-

- ① Cosmos Bank Cyber Attack in Pune.
- ② SIM Swap Fraud.
- ③ ATM System Hacked in Kolkata.
- ④ UIDAI ~~Ad~~Aadhaar Software Hacked.
- ⑤ Hack attack on Indian Healthcare websites.
- ⑥ Online gambling:- Case of Hawala transactions over internet.
- ⑦ Cyber pornography (Delhi Public School Case).
- ⑧ Salami attack.
- ⑨ Intellectual Property crimes & Yahoo had sued Akash Anand for use of the domain name "Yahooindia.com".
- ⑩ Unauthorized access to computer system or networks:- Dr. Nuker reportedly hacked the websites of Indian Parliament.

Q2) What is SWOT analysis and how it is important for a business? Draw a clear diagram based architecture highlighting the key benefits of SWOT analysis and step by step process of it?

Sol:- SWOT analysis is a vital process that helps to a business to evaluate its internal and external environment by identifying Strengths, Weakness, Opportunities and Threats.

- Strengths means internal positive factors of a business.
- Weakness means internal negative factors of a business.
- Opportunities means external positive factors of a business.
- Threats means external negative factors of a business.

SWOT analysis is a fantastic process for testing out your ideas. ~~You can undertake a~~ SWOT Analysis can help ~~a business~~ you to ~~for~~ take precautions in case threats emerge. It can help ~~to~~ in advance quickly and capitalise on Opportunities. It can help to sustain and develop internal strengths. It can help in improving the weakness.

Another great use of SWOT Analysis is for competitor analysis. You can see new ~~gaps~~ gaps in the market and position your Organisation appropriately, giving your business a competitive advantage.

SWOT Analysis provides you with an accurate picture of what your business internally and ~~externally~~ is currently doing well and how it can be improved.

	Helpful to achieving the objective	Harmful to achieving the objective
Internal origin attributes of the organization	Strengths	Weakness
External origin attributes of the environment	Opportunities	Threats

Step by step process of SWOT Analysis:

- (1) External environment analysis:- In this step (i) political (ii) economical (iii) social and (iv) technological areas are analyzed.
- (2) Competitive Analysis:- Competitive analysis generally includes two areas for analysis (i) industry structure and (ii) Individual competitors.
- (3) Identify the external Opportunities and threats:- The external analysis will provide you with information for the identification of threats and opportunities in the external opportunities.
- (4) Internal environmental analysis:- In this step (i) financial position (ii) Product or service position (iii) product or service quality (iv) marketing capability (v) Research & development capability (vi) Organizational structure (vii) Human resource (viii) Conditions of facilities and equipment (ix) Past objectives and strategies are analyzed.

Q.3) "CEO of Baze.com was arrested in December 2004 because a CD with objectionable material was being sold on the website. The CD was also being sold in the markets in Delhi. The ~~mumbai~~ Mumbai Police and the Delhi Police got into action. The CEO was later released on bail. This opened up the question as to what kind of distinction we draw between Internet Service Provider and Content Provider. The burden rests on the accused that he was the Service Provider and not the content Provider. It also raises a lot of issues regarding ~~how~~ how the police should handle cyber crime cases."

(I) Name the various stockholders of the above case study?

Ans:- CEO of Baze.com was arrested in December 2004, and he is the stockholder of the above case study.

(II) Pen down various sections under which the convicted person shall be charged for.

Sol:- CEO of Baze.com ~~was~~ ^{shall be charged} under section 66F of the Information Technology Act, 2000 and section 293 of Indian penal code (IPC) 1860.

Under section 66F of the Information Technology Act, 2000 the accused is punishable with imprisonment upto 3 years and a fine up to 5 lakhs.

The accused shall be charged under section 292(2) of IPC for selling of obscene materials on his website.

III) What are the facts of the case

Sol:- * CEO of Bazee.com, an online auction website was arrested for the sale of a CD with objectionable material on the website.

* The charges stemmed from the fact that someone had sold copies of a pornographic CD through the Bazee.com website.

* Court granted the bail of the CEO of Bazee.com.

* The CD was being sold in the markets in Delhi.

* Both Delhi Police and Mumbai Police was ~~investing~~ investigating that case.

IV) According to you what is the common reason that all these crimes took place in India.

Sol:- * Selling CDs which ~~has~~ has objectionable content on it is very easy as ~~the~~ most of the youth are attracted towards it.

~~* As the~~

* As the youth is attracted it ~~is~~ makes a good profit for the ~~website~~ ~~of the~~ on which it is being sold.

* Easy money making process without ~~even~~ revealing the identity of anyone who is uploading the file for sale.

* Sometimes a person ~~wants~~ wants to defame anyone then he/she ~~do~~ do so.

* Taking revenge is also one of the reasons for these types of crimes.

* In big cities these types of crime often happens.