

Assignment - 1

1) Differentiate between morals and values

- morals are guidelines that every human being should have. It is like the knowledge of difference between right and wrong

2) List any three types

They are:

- 1) Hacking
- 2) malware
- 3) Virus and worms
- 4) Computer Vandalism

3) What is penetration testing? where it is implemented?

It is also called as ethical hacking. Practice of testing a computer system, network or web application to find security vulnerabilities that an attacker could exploit. Tools are used to find vulnerabilities.

and weaknesses of a system with permission of the owner of the system who is responsible for fixing of vulnerability.

4. What is vulnerability? How vulnerability is exploited in a system?

→ Vulnerability is inability to withstand the effects of hostile environment.

- Attacker creates exploits to target software or vulnerability.

- Exploits may arrive via attachment to email message, social networking sites.

- Users are lured into executing the exploit.

5.) Bring out any two situations under which a computer crime may be performed.

→ Simple financial fraud is a common ~~active~~ crime in the cyber domain. A scammer may offer an item for sale.

through an auction site with
no intention of delivering
once he receives payment.

- * Identity theft is one common form of cyber crime. Hackers and scammers may use fake emails to trick victims into giving up passwords and account information or they may use specialised programs called keyloggers to track what a user types when logging into bank or credit accounts.

6. Identify factors due to which human value erodes.

7. The impact of norms of the society on the fulfillment of individual's needs or desires

shaped or modified by one's own awareness, choice and judgment in fulfilling the needs.

Fastened or modified by social traditions or kingdom and by law.

8) What is cyber crime? Recently various cyber crimes & brief?

⇒ Cyber crime is criminal activities and by means of computers or Internet.

• Virus & Worms

Virus are programs that attack themselves to a computer or a file.
Worms do not need the host to attach themselves to.

• Hacking

Hacking is unauthorized access into a computer system and it usually involves modifying computer hardware or software to attempt a goal outside the creator's purpose.

• Software Piracy

Unauthorized copy of hardware software is called software piracy.

• Fraud!

Online fraud and cheating is

of the most lucrative business that
one is growing today in cyberspace

9) Bring out the measures to be
taken to prevent cyber crime

⇒ Use a security program that gives
control over cookies and send
information about to the site as
leaving the cookies unwanted is
data

⇒ Website owners should watch
internet traffic and check
any irregularity on the site

10) What is unauthorized access or use of
computer or computer network? Penetration

⇒ Unauthorized use of computer
or computer network is crime
to use a computer or computer
network without authority and
with the intent to:

- cause computer to malfunction
- after or erase computer data
- program or software

- create or alter a financial instrument or an electronic fund transfer.
- temporarily or permanently remove, halt or disable computer data or software