Unit-1 (1) Information Security — Information security relates to computing systems. Information is subjected increasing threat of attacks availability of number of load and resources on internet that may be used to attack system

(2) Information Security means to consider available control measure or controls stimulate through uncovered vulnerabilities

Difference b/w Security & threats

(1) Security is the degree of protection against danger damage loss and crime.

(2) The institute for security & upcom me nothodolo-gies (ISE COM) defines security as form of protection where a separation is created b/w the assets and the threat.

(3) Whereas attacks or threats are intentional or illegal actions, performed by unauthorized users to make a security help in information system

(4) In other words A threat is a possible event that can harm on information system.

Cyber Security — Cyber Security refers to the protection of data and information from anauthorized access on the internet.

(2) Cyber security is means for proative detection of loopholes in the security policies of the computer system

(3) Cyber Security setines the mechanism to extend operationation support for management & protection of cyber dependent operations

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Security threass

1. Viruses
2. Worm
3. Trojan horse
4. Bombs
5. Trapdoors
6. Spoofs
7. email viruses
8. macro viruses
9. Malicious software
10. Denial of services attack

Ques-3 Different types of network Accurity.

1. email Security
2. Firewalls
3. mobile device Security
4. Net work Segmentation
5. Web Secqurity
6. Accen control
7. Antivirus & Anti-melware software
8. Application security.

Firewall Security— A fire wall is a network Security system ~~tat~~ that monitors and Control incoming & outgoing network traffic based on predetermined security rules A Firewall typically established a barrier b/w a trusted internal and untrusted external network such as the Inter