

Q.2.1

Cyber Security → Cyber Security is the practice of defending computers, servers, mobile devices, electronic systems, networks, and data from malicious attacks. It is also known as information technology security. It is divided into a few common categories.

- Network Security → The practice of security of a computer network from intruders, whether targeted attackers or opportunistic malware.
- Application Security → The focuses on keeping software and devices free of threats. A compromised application could provide access to the data it's designed to protect.
- Information Security → Protects the integrity and privacy of data, both in storage and in transit.

Operational Security → includes the processes data decisions for handling and protecting data assets. The permission users have when accessing a network and procedures that determine how and where data may be stored or shared all fall under this umbrella.

Security threat → Security threat is defined as a risk that which can potentially harm computer systems and organization. The cause could be physical such as someone stealing a computer that contains vital data. The cause could also be non-physical such as virus attack