

## Section - 5

Ans 3

### Attack :-

A network attack is an attempt to gain unauthorized access to an organization network with the objective of stealing data or perform other malicious activity

main type of network attack.

- ① ~~active~~ active attack
- ② passive attack.

Network security :- network security is the process of determining of taking physical and software preventative measures to protect the underlying network-based infrastructure from unauthorized access misuse malfunction modification destruction or information disclosure thereby a secure platform for computers and users and program.

Date: / /

## Difference between Active and passive attack.

### Active attack

- ① Access and modifying information
- ② System is harmed
- ③ Easy to detect prevent
- ④ Threat to Integrity Availability
- ⑤ masquerading  
Repudiation DOS

### Passive attack

- ① access information
- ② No harm to system
- ③ Difficult to detect than prevent
- ④ Threat to confidentiality
- ⑤ Snooping traffic analysis.