

Tutorial 1

White a short note on Security Attacks

Syber security attacks refer to the sets of actions that the threat actors perform to gain any unauthorised access, cause damage to systems computers, steal state, or compromise the computer returneds.

Decurity Mechanisms deals with prevention detection and recovery from a security attack. Presention involves mechanisms to prevent the computer from being damaged.

Draw & explain the Model for Network Security

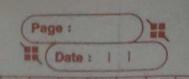
Thusted third party

Sewit-related

Secret Opponent information

Secret Recip

information



Any security service would have the

information to be sent.

ii) Some secret information stored by the two principals and it is is hoped; anknown to the opponent.

iii) A trusted third party may be needed to achieve secure transmission.

3) Griplain CIA triads

Confidentiality is noughly equivalents to privacy. It measures are designed to prevent sensitive information from unauthorised access attempts. It is common for data to be categorised according to the amount and type of Lamage that could be done if it fell into the wrong hands. More or less stringent measures can then be and implemented according to those categories.

Integrity involves maintaining the consistency, accuracy and trustworthiness of data over its entire lifecycle. Data must not be changed in transit, and steps must be then to ensure data

