

Ans - 2

## Cryptography :-

Cryptography is associated with the process of converting ordinary plain text into unintelligible text & vice-versa.

It is a method of storing and transmitting data in particular form so that only those for whom it is intended can read and process it.

Modern Cryptography Concern with :-

### Confidentiality :-

Information cannot be understood by anyone.

### Integrity :-

Information cannot be altered.

### Non-Repudiation :-

Sender cannot deny his/her intentions in the transmission of the information at a later stage.

## 4. Authentication

Sender and Receiver can confirm each

Cryptography is used in many application like :-  
Banking transactions, Cards,  
Computer passwords, and  
E-Commerce transactions.