

Ans. Encryption :- The process of converting a plain text into cipher text is known as encryption. This process is performed on sender's side.

The study of encryption is known as cryptography.

Cipher Text :- It is a opposite of plain text and cannot be understandable or readable by a user until converted into a plain text. It is used to secure plain text.

Digital Signature :- Digital signature is a process that guarantees that the contents of a message have not been altered in transit. When you send the server, digitally sign a document, you add a one-way hash (encryption) of the message content using your public and private key pair.