

## Section-1

Date: / /

Ans 3 :- Pretty good privacy (PGP) is an encryption program that provides cryptographic privacy and authentication for data communication. PGP is used for signing, encryption and decryption of text, email's files, directories and whole disk partition and to increase the security of email communication.

### PGP works

When a user encrypts plaintext with PGP. PGP first compresses the plaintext. This session key works with a very secure fast conventional algorithm to encrypt the plaintext. The result is cipher text once the data is encrypted. The session key is then encrypted to the recipient's public key.

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PGP use :- PGP is an encryption program that provides cryptography, privacy and authentication for data communication. PGP is used for signing, encryption and decryption of texts, emails, files, directories.