

NAME: Shahir Ahmad

ID: 15226

Sub: Operating System

Ans/4:-

This is the simplest kind of encryption that involves only one secret key to cipher and decipher information. Symmetrical encryption is an old and best-known technique. It uses a secret key that can either be a number, a word or a string of random letters. It is a blended with the plain text or message to change the content in a particular way. The sender and the recipient should know the secret key that is used to encrypt and decrypt all the messages.

#### \* Asymmetrical encryption

:- is also known as a public key cryptography. which is a relatively new method compared to symmetric encryption. Asymmetric encryption uses two keys to encrypt a plain text. Secret keys are exchanged over the internet or a large network. It ensures