## Cryptography

Oshiff cipher ~

- ② vignere cipher ~
- 3 Affine cipher V
- (4) Permutation ciphen
- 3 Awto Key ciphen

# permutation ciphen

giren my = we are studying cryptograp by

Encryption:

steps 1) generale the plaintent by removing spaces & special symbols

x = Weare studying (ryphography, size[x]=25

2) As given key size is 4, so devide the plantext into blocks of size 4.

Total No. of blocks = 7  B1 B2 B3 B4 B5 B6 B7  Wear estu dyin gcry Ptog raph yabo  plaintent Position  1234  Wear estu dyin gcry Ptog raph yabo  1234  Wear estu dyin gcry Ptog raph yabo  wear estu dyin gcry Ptog raph yabo  The Riskin rawe  Cipher text.  The Bill B2 B3 B4 B5 B6 B7  Wear estu dyin gcry Ptog raph yabo  The Riskin rawe  Cipher text.
Decryption:
3 convert the ciphen tent into Block according given key table Size.
rawe utes nidy grac gopt hera coya
6 convert the given key table for decryption
x  =  x
Apply the purmetation on cipher blocks with new key table.
rawe utol nidy were anot hera 6690
wear esta dyin g cry program.
Frankest and generale the plaintent and convent it into MSy.
we are smagning raprovating.
msy > [Plant & SP)  Jenth space & special symbols.