



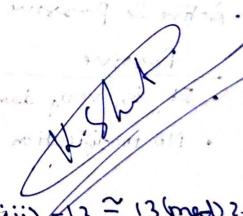
- · BIt converts the plain text into ciphen text by taking plain text block at a time
- complexity is simple
- Revenue Eng. text is hand.
- · Is Slow

- . It coments the plain text into cipter text by totaing labyte of plain text at a time.
- · Complexity is Complex.
- Rev. Enyp is easy
- · Ford office the

1) (200+301) mad 11 = (2+4) mad 11

allows only the sander could be interested

I work = 21 price bellimment & repr rotation or 1 Mulipy 11 by 7 is 220 (7 x 11) med 20->72 med 20



iii) 413 = 13 (med) 26

LMS-13med 28 RMS 13 med 1

L. MS ANS Hers it is any.

Handitinis by Las 218

TON ID AN THE SOUTH OF THE

3 15 22 94

: topen as the operation of part multipliching
a sq. matrix order the mag cut is by 3

[3 15 12] [9 40]

[3 15 22] [1 -1 1]
2 -1 0
1 0 6]
2 [55 -18 3]

 $\begin{bmatrix} 9 & 4 & 0 \end{bmatrix} \begin{bmatrix} 1 & -1 & 1 \\ 2 & -1 & 0 \end{bmatrix} = \begin{bmatrix} 13 & -13 & 9 \end{bmatrix}$ 

 $A^{-1} = \frac{1}{|A|} \text{ and } A = \begin{bmatrix} 0 & 0 & 1 \\ 0 & -1 & 2 \\ 1 & -1 & 1 \end{bmatrix}$ 

Now Reciver deede He Coded.

Cocled matrix Develing matrix

[55 -18 3] [0 0 1] = [3 15 22]

W.81A

[12-13 9] [0 0 1] 2 [9 40]

Su, the sequer of decoded now multip is [31522], [940]

Thus me reciene red the so misq. "COVID".

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J. 1 1 1 25 21