Decreption!

Multiplicative Tipher

key Selection:

We should scleet only coprime number of 26 which should not divisible by 12 on 13.

· ((+ 1 +)) = 1

Marsoge -> HELLO

Envyption:

 $C = (P \times k) \text{ mod } 26.$

P-> Numeric value of plain tat

k-> key.

VMHHQ -> Energypted Message

Decorption :

P = ((* k -1) 1.26)

(-> Mmonic Value 12-1 -> Multiplicative invoca of the key allette . . . markt.

going I retentiquely

VMHHQ

U-> 20-> (20 * 1) mod 26-> (21×9) y. 26-> 7->4 M-> 12 -> (12 * 1/3) mod 26 -> (12*9) 1/-26-> 4->E H-> 7-> (7 x 1) mod 26 -> (7x9) 1/.26-> 11->L H -> 7 -> (7 x 1/3) mod 26 -> (7 x 9) y. 26 -> 11 -> L Q -> 16-> (16 * 1) mid 26 ->. (16*9) y. 26 -> 14 ->0.

HELLO -> Decorypted masage.

compressions of some so how (SX.F.) so all

ing attracts to bow to a constant (ER H) good

Special Laprond Company

Ciphous

$$D \rightarrow 3$$