Answer to the Question-01

Given,

$$(N, e) = (33,3)$$

 $d = 7$
 $M = 19$

Answer to the Question-62

Given, d1,2,4,10,20,403 be the SIX

m = 31 n = 110

To compute General Unapsach

1.31 mod 110 = 312.31 mod 110 = 624.31 mod 110 = 14 10.31 mod 110 = 14 20.31 mod 110 = 7040.31 mod 110 = 70

OK: (31,62,14,90,70,30)

To encrypt 100100,

14erel = 31-1 mag 110

To decrypt,

121.21 mod 110 = 5

11 = 1+10 ()

Obtained Plains text = 100100
Hence, we obtained the given Plain
text.