***Q1) RSA Algorithm***

*B) P = 3 Q = 11 e = 7*

*Plain text = 5 Cipher text = ?*

*N = P\*Q = 3\*11 = 33*

*Z = Ø(n) = (P-1)\*(Q-1)*

*= 20*

*Now the private key d = 1*

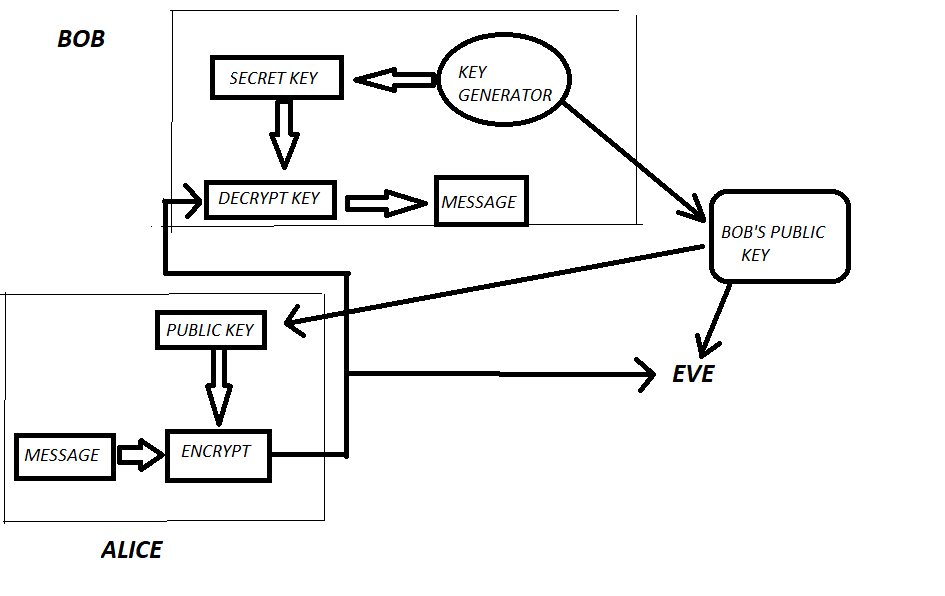
*Cipher text C = E(M)*

*= M^e mod N*

*= (5^7) mod 33*

*C = 14*

***Q2) Draw a diagram to show the steps processed***

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