AND

(C = S. N(L) - Ke⁻¹⁷N(L)

(L =
$$\int_{1}^{1} (S/K) + (F + \sigma^{2}) T$$

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(L = $\int_{1}^$

C = 38x0.7117 - 35 e = 0.6284 = 27.0446 - 21.5585

C = \$ 5.4861

By looking at the values, we can confidently say that o € 6.3,0.4) being more 0.3. o & 0.34 (just on estimation)

b) 0 = 0.28 P = Ke-TN(-dz) - S NFd.) di= ln(1/k) + (++ 02/2)T

de di - oft $d_1 = l_1(38/35) + (0.06 + 0.0392) 1/3 = 0.0822 + 0.3307$ $0.28 \sqrt{3}$ 0.28 5/3

= 0.7130

dz = 0.7130 - 0.28 \('13 = 0.5513

Par N(-d,) = 0.2379

 $N(-J_z) = 0.2907$ $P = 35 n e^{-0.02} 0.2907 - 38 \cdot 0.2379$

P = \$0.9328

c) Resemblence with call:

S= 38 million

K= 35 million

T= 4 month

r = 6%

J = 0.28

So, value of call = 4.20 million

Immediate laurche gives S-K= 3 million net gain Holding the option add another 1.2 million.

Company should ugit.