Aboth price is 730 Z and r= 7-5%.

Two months put option with exercise price of 500 has 4 price (premium)

of \$10, but the bo for liquidity

there is no listed call of two months.

I leady what should be true value of Call option.

 $(+) = S - ke^{rH}$ $e = 10 + 730 - 500 (e^{-0.0125})$ = 246.2 = 2NR (r+ = 7.5/100) $+ \frac{2}{12}$

Put - call parity

According to B-5-M Equation - $C = 50 N(d_1) - ke^{-r_1} N(d_2)$ $P = ke^{-r_1} N(-d_2) - 50 N(-d_1)$

di= (n(so/u) + (r + 02/2) T

d2. d. - a 57

eming of the -results.

e+ he-2 = 50 N(d,) - ke TN(d2) + herr

= 50 N (d.) - Ke-T [N(d2)-1]

P+S= ke-rt N(-d2) -SoN(-d.)

S .

2 N.e- TT N(-ds) - 50 (N(-d1)

7

Sq = 0 w (2) are same

(MC72)